United States Army
Fort Monmouth, New Jersey

Remedial Investigation Report
&
Remedial Action Workplan

M-2 Landfill

JANUARY 2001

REMEDIAL INVESTIGATION REPORT
&
REMEDIAL ACTION WORKPLAN

M-2 LANDFILL

PREPARED FOR:

UNITED STATES ARMY FORT MONMOUTH
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EXECUTIVE SUMMARY

Versar, Inc. (Versar) is supporting the United States (U.S.) Army Fort Monmouth (Fort Monmouth), Directorate of Public Works (DPW), Monmouth County, New Jersey by preparing a Remedial Investigation Report (RIR) and Remedial Action Workplan (RAW) for the M-2 Landfill. The RIR/RAW is based on work performed by Versar in the summer of 2000, TECOM-Vinnell Services (TVS) in February 1999, and work completed by Roy F. Weston, Inc. (WESTON) in 1995. Versar's evaluation of surface and near-surface soils at the M-2 Landfill site is summarized in a separate RIR entitled, *Remedial Investigation Report for Near-Surface Soils, M-2 Landfill, Draft Report, July 2000*. This report will be submitted under separate cover at a later date.

The M-2 Landfill is located in the southwestern corner of the Main Post area of Fort Monmouth and is approximately 6.5 acres in size. The M-2 Landfill was used between 1964 and 1968 (and possibly into 1969) for general disposal of domestic and industrial wastes (i.e., oil cans, oil burner filters, soot, metal and building rubble). The DPW closed the M-2 Landfill circa 1969. The site is currently stable and supports vegetative growth (i.e., grass, trees, brush), is fenced on three sides, and adjoins Mill Creek to the north.

The M-2 Landfill was first identified as a suspected hazardous waste site at Fort Monmouth in a report prepared by the U.S Army Toxic and Hazardous Materials Agency (USATHAMA) in 1980. WESTON conducted a background investigation on the initially identified sites including the M-2 Landfill and recommended additional investigation. WESTON then performed Site Investigation (SI) activities at the M-2 Landfill. WESTON's findings and recommendations are described in a report entitled, *Site Investigation Report, Fort Monmouth, New Jersey – Main Post and Charles Wood Areas* (December 1995).

Based on the findings of the SI, additional soil and groundwater sampling was performed and a remedial investigation of the landfill was implemented. The following remedial investigation approach was established for the M-2 Landfill:

- Perform a Geoprobe® investigation of the soils and groundwater within the landfill to characterize the near-surface and subsurface soils, the landfill cover materials, and the shallow groundwater to determine whether a source area exists for the volatile organic compounds (VOC) in the groundwater and the stream reported in the SI.
- Install additional groundwater monitoring wells and perform slug and pump tests to determine the aquifer characteristics of the shallow saturated zone beneath the M-2 Landfill. Incorporate the new wells into the quarterly groundwater monitoring program.
- Continue the quarterly surface water sampling. In addition, collect sediment samples at selected locations as well as surface water samples to evaluate potential impact to the stream from the contaminants of concern (COC) detected in the soils and shallow groundwater of the landfill and also to evaluate potential upstream sources of COC.

Sampling of the surface and subsurface soils, groundwater, surface water, and sediment at the M-2 Landfill has delineated the degree and magnitude of potential contaminants. Exceedences of NJDEP Residential Direct Contact Soil Cleanup Criteria (RDCSCC) are identified in the near surface soils for semi-volatile organics (SVOC), pesticides/polychlorinated biphenyls (PCB), and

metals within the landfill. Evaluation of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions and no further action is recommended for the near surface soils.

Analyses of deeper soils in the landfill indicated that only PCB in a few scattered locations were detected at concentrations above the RDCSCC. No other compound exceedences were detected in the deeper soils. Sediment and surface water samples were collected from Mill Creek and at locations along the border of the M-2 Landfill to evaluate the potential impact to the stream from the PCB detected in the soils and shallow groundwater of the landfill. PCB were not detected in the sediment or surface water samples above the Lowest Effect Level for PCB listed in the NJDEP's *Guidance for Sediment Quality Evaluations*.

Surface water samples from Mill Creek consistently indicated the presence of PCE and TCE at concentrations slightly above the SWQC of 0.388 micrograms/liter (ug/L) and 1.09 ug/L, respectively. These compounds were not detected in the groundwater beneath the M-2 Landfill. TCE and PCE are presumed to originate from a separate source upgradient of the M-2 Landfill and beyond the boundary of Fort Monmouth.

The findings of the RIR show that shallow groundwater within the defined boundary of the M-2 Landfill exceeds the respective GWQC for benzene and chlorobenzene. These VOC were consistently detected in groundwater samples collected from onsite monitoring wells, but were not detected in Mill Creek, the most significant potential receptor. Some native metal constituents, principally aluminum, iron and manganese, were also elevated, but the detected concentrations are comparable to the Fort Monmouth Maximum Background Concentrations (established for the Main Post during the SI) and regional background conditions.

The DPW is proposing the designation of a Classification Exception Area (CEA) at the M-2 Landfill site. The horizontal and vertical extent of the CEA has been identified by the analysis of existing data to determine the probable maximum extent of future contamination at concentrations above the GWQC. The CEA Proposal includes fate and transport modeling that predicts the future attenuation and migration of contaminants. Based on the analytical data and the fate and transport models used to simulate future conditions, it is predicted that the maximum extent of contamination will never be significantly larger than the current extent of contamination. The CEA Proposal established that a period of 5 to 9 years will be required for the contaminant concentrations to degrade to less than the respective GWQC for benzene and chlorobenzene and further, that benzene and chlorobenzene will not migrate beyond the boundaries of the M-2 Landfill site in the timeframes calculated. Therefore, natural attenuation provides a technically defensible argument for "No Further Action" at the M-2 Landfill. However, the DPW prefers to accelerate the natural attenuation processes and has elected to evaluate several technologies to enhance remediation of the shallow groundwater. The results of this evaluation are presented in a RAW.

The RI findings supported the following remedial action objectives:

- The current institutional controls in place at the M-2 Landfill (i.e., the site is located on an Army-controlled installation and is surrounded on three sides with a six-foot high chain link fence and on the fourth side by Mill Creek) limit direct contact with the site and will be maintained. Periodic inspections of the fencing and landfill cover will be continued.
- Groundwater and surface water monitoring will be continued to demonstrate that contaminant degradation due to natural attenuation is an ongoing process.
- Natural attenuation occurring at the landfill will be enhanced and/or accelerated to more directly mitigate residual levels of benzene and chlorobenzene in the shallow groundwater. While the results of the CEA show that the COC will not migrate beyond the boundaries of the site, nor will the limits of the plume exceed New Jersey GWQC, the DPW has elected to undertake a proactive remedial approach, which is fully presented in the RAW.

The following remedial action alternatives/in-situ remedial technologies were evaluated during preparation of the RAW:

1. Chemical Treatment – Oxygen Release Compound (ORC) and Fenton Reagents;
2. Bioremediation – specifically Enzyme-Enhanced Bioremediation (EEB); and
3. Monitored Natural Attenuation.

The RAW recommends that natural attenuation occurring at the landfill be enhanced through implementation of EEB. The DPW will implement an EEB program over approximately one-half of the overall landfill site specifically targeting six distinct areas where concentrations of benzene and chlorobenzene were detected in the shallow groundwater above the GWQC. EEB will consist of a 2-stage injection of biological enhancements followed by injection of ORC after 30-days to supplement free oxygen. Following a 12-month treatment period, performance sampling will be conducted to evaluate the effectiveness of the remedial action implementation. The results and findings of the proposed remedial action will then be presented in a Remedial Action Report.

To address the PCB concentrations detected in soil at the M-2 Landfill, the DPW will incorporate a document equivalent to a Declaration of Environmental Restriction (DER) into the Fort Monmouth Installation Master Plan for soils containing PCB to restrict site development and future use of the M-2 Landfill site, and formally recognize the planned long-term monitoring of this area. The DPW is the lead agency for all land use issues at Fort Monmouth. A formal DER cannot be established since Fort Monmouth is a Federal facility and, as such, no deed exists.

By submittal of this Report, Fort Monmouth is requesting written approval for Permit-by-Rule for the proposed EEB and ORC application and discharge to groundwater. Fort Monmouth is also requesting approval for the proposed remedial action at the M-2 Landfill and, more specifically, the injection of biological enhancements and ORC. Therefore, an exemption from the requirement to submit a Sanitary Landfill Disruption Application is also requested.

SECTION 1.0
BACKGROUND INFORMATION

1.1 OVERVIEW

Versar, Inc. (Versar) has been contracted by the United States (U.S.) Army Fort Monmouth (Fort Monmouth), Directorate of Public Works (DPW), Monmouth County, New Jersey, to prepare a Remedial Investigation Report (RIR) and Remedial Action Workplan (RAW) for the M-2 Landfill, based on work performed by Versar in the summer of 2000, TECOM-Vinnell Services (TVS) in February 1999, and Roy F. Weston, Inc. (WESTON) in 1995. This report has been prepared in partial fulfillment of Contract No. DACA 51-00-D-004, Delivery Order No.0003.

The report is presented as follows:

Section 1 – Site description, historical information, and physical setting.
Section 2 – Technical overview.
Section 3 – Remedial Investigation Report.
Section 4 – Remedial Action Workplan.
Section 5 – References.

1.2 SITE DESCRIPTION

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia **(Figure 1**). In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and Evans Area. The Main Post encompasses approximately 630 acres and is generally bounded by State Highway 35, Parkers Creek, Lafetra Brook, the New Jersey Transit Railroad, and a residential area to the south. The post was established in 1918 during World War I (WW I) as an Army Signal Corps training center. The Main Post currently provides administrative, training, and housing support functions, as well as providing many of the community facilities for Fort Monmouth. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Materiel Command (AMC) and is the host tenant at Fort Monmouth.

The M-2 Landfill, comprised of 6.5 acres, is located on the south bank of Mill Creek in the southwestern corner of the Main Post area. According to a report prepared by the U.S Army Toxic and Hazardous Materials Agency (USATHAMA) entitled, *Installation Assessment of Fort Monmouth, Report 171,* dated May 1980, the M-2 Landfill was in use between 1964 and 1968 (and possibly into 1969) for general disposal of domestic and industrial wastes. The M-2 Landfill has reportedly been inactive since 1969. Since the landfill closure circa 1969, the past 30+ years have seen the growth and stabilization of vegetation (i.e., grass, trees, brush) on the M-2 Landfill. A site map is provided in **Figure 2.**

1.3 HISTORICAL INFORMATION

Suspected hazardous waste sites at Fort Monmouth were initially identified in the Installation Assessment (IA) (USATHAMA, 1980). This report identified 37 sites with known or suspected waste materials at Fort Monmouth. WESTON then conducted a background investigation on these sites and on eight additional sites, identified by Fort Monmouth and the NJDEP. WESTON's Report (WESTON, 1993) recommended additional investigations at 22 of the sites, including the M-2 Landfill, and NJDEP approved the recommendations on 20 April 1994. WESTON performed additional field investigation activities at these 22 sites, including the M-2 Landfill, between November 1994 and November 1995. The field investigation activities included surface geophysical investigations, sediment and surface-water sampling, transformer site sampling, surface and subsurface soil sampling, groundwater monitoring well installation and sampling, and tidal monitoring. The results of these investigation activities were presented in the WESTON Report entitled, *Final Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas, Site Investigation Report*, December 1995.

As stated in the WESTON Report that investigated suspected waste sites at Fort Monmouth (WESTON, 1993) and the Site Investigation (SI) Report (WESTON, 1995), materials generally found in Main Post landfills included unwashed pesticide/herbicide cans, batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, soot and boiler scale, sludge from sanitary treatment plants (STPs), small quantities of outdated drugs, outdated photographic chemicals in glass bottles, building rubble (including asbestos-containing materials [ACM]), incinerator ash, sand from oil spill cleanups, and other debris. In addition, specific wastes reportedly known to have been placed in the M-2 Landfill included oil in cans, oil burner filters, and soot. The banks along Mill Creek near the west end of the landfill had also reportedly been covered with building rubble (concrete, cinder blocks, etc.) to stabilize the bank.

1.4 PHYSICAL SETTING

The following is a description of the geological/hydrogeological setting of the area surrounding the M-2 Landfill. Included is a description of the regional geology of the area surrounding Fort Monmouth, as well as descriptions of the local geology and hydrogeology of the Main Post area. A geological map is provided as **Figure 3.**

1.4.1 Geology

Regional Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. The M-2 Landfill is located in what may be referred to as the Outer Coastal Plain subprovince, or the Outer Lowlands.
In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, sand and gravel. These formations typically strike northeast-southwest with a dip ranging from 10 to 60 ft (ft) per mile and were deposited on

Precambrian and lower Paleozoic rocks (Zapecza, 1989). These sediments, predominantly derived from deltaic, shallow marine, and continental shelf environments, date from Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units, which are generally thicker to the southeast and reflect a deeper water environment. More than 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (e.g., Englishtown and Kirkwood Formations, and the Cohansey Sand), while the transgressive deposits act as confining units (e.g., the Merchantville, Marshalltown, and Navesink Formations). The individual thickness for these units varies greatly (i.e., from several ft to several hundred ft). The Coastal Plain deposits thicken to the southeast from the Fall Line (i.e., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 ft in Cape May County (Brown and Zapecza, 1990).

Local Geology

Based on the regional geologic map (Jablonski, 1968), the Cretaceous age Red Bank and Tinton Sands outcrop at the Main Post area. The Red Bank Sand conformably overlies the Navesink Formation and dips to the southeast at 35 ft per mile. The upper member (Shrewsbury) of the Red Bank Sand is a yellowish-gray to reddish brown clayey, medium-to-coarse-grained sand that contains abundant rock fragments, minor mica and glauconite (Jablonski). The lower member (Sandy Hook) is a dark gray to black, medium-to-fine grained sand with abundant clay, mica, and glauconite.

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic quartz and glauconite sand to a glauconitic coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60 to 80 percent of the sand fraction in the upper part of the unit (Minard, 1969). The upper part of the Tinton is often highly oxidized and iron oxide encrusted (Minard 1969). Boring and monitoring well logs (**Appendix B**) for the sample borings and monitoring wells installed in the M-2 Landfill give descriptions for the soils at the site to consist of an earthen cover underlain by fill material. Beneath the fill is naturally occurring silty sand. Groundwater occurs beneath the site at a depth of approximately 8 ft. Natural soils beneath the fill are similar to the reported descriptions of the Tinton Sand member of the Red Band Sand.

The Kirkwood Formation (part of the Kirkwood-Cohansey system) crops out southeast of the Main Post and dips to the southeast at a slope of 20 ft per mile (Jablonski, 1968). The Kirkwood Formation consists of alternating layers of sand and clay. The upper unit is a light gray to yellowish-brown, fine-grained quartz sand with quartz nodules and small pebbles. The lower unit is a brown silt in Monmouth County (Jablonski, 1968).

1.4.2 Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service, Monmouth County Soil Survey, the majority of the Main Post is covered by urban land. The soil

survey described urban land as areas where concrete, asphalt, buildings, shopping centers, airports, or other impervious surfaces cover 80 percent or more of the surface. In addition, the survey indicated that the natural subsurface soils have largely been replaced with artificial or foreign fill materials (developed land with disturbed soils). The following soil series and classification units are mapped in the Main Post area:

- DoB Downer sandy loam (with 2 to 5 percent slopes);
- FrB Freehold sandy loam (with 2 to 5 percent slopes);
- FUB Freehold sandy loam/urban land complex (with 0 to 10 percent slopes);
- HV Humaquepts, frequently flooded;
- KvA Kresson loam (with 0 to 5 percent slopes);
- UA Udorthents, smoothed; and
- UD Udorthents – urban land complex (with 0 to 3 percent slopes).

The Downer series soils are well-drained soils that are found on uplands and terraces. The soils are formed in acid, silty coastal plain sediments. The Freehold soils are also well drained and are formed in acid, loamy, coastal plain sediments that, by volume, are 1 to 10 percent glauconite and are found on uplands. The Humaquepts soils are somewhat poorly- to very poorly- drained soils that are formed in stratified, sandy, or loamy sediments of fluvial origins. The Humaquepts soils are located on the floodplain and are subject to flooding several times each year. The Kresson loam is a nearly level to gently sloping soil and is somewhat poorly drained. The soil is found on low divides and in depressions. The Udorthents soils have been altered by excavation or filling activities. In filled areas, these soils consist of loamy material that is more than 20 inches thick. The filled areas include floodplain, tidal marshes, and areas with moderately, well drained to very poorly drained soils. Some Udorthent soils contain concrete, asphalt, metal, and glass.

1.4.3 Hydrogeology

Regional Hydrogeology

Fort Monmouth lies in the Atlantic and Eastern Gulf Coastal Plain groundwater region (Meisler et al., 1988). This groundwater region is underlain by undeformed, unconsolidated to semi-consolidated sedimentary deposits. The chemistry of the water near the surface is variable with low dissolved solids and high iron concentrations. The water chemistry in areas underlain by glauconitic sediments (such as Red Bank and Tinton Sands) is dominated by calcium, magnesium, and iron. The sediments in the area of Fort Monmouth were deposited in fluvia-deltaic to nearshore environments.

The water table aquifer in the Main Post area is identified as part of the "composite confining units," or minor aquifers. The minor aquifers include the Navesink formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation, and the basal clay of the Kirkwood Formation.

Well records indicate that wells installed in the Red Bank and Tinton Sands produce 2 to 25 gallons per minute (gpm). Water in these upper hydrogeologic units is typically encountered at shallow depths below ground surface (2 to 9 ft bgs). However, domestic wells are generally screened deeper in these upper hydrogeologic units. The shallow water table conditions in the Tinton and Red Bank Sands, and the similar composition of these sands within the Kirkwood Formation, suggest that the Tinton-Red Bank-Kirkwood sequence forms a single, laterally continuous aquifer. Water in this water table aquifer will flow east toward the Atlantic Ocean. Local topography will tend to deflect the flow toward local depressions.

As stated in the SI Report (WESTON, 1995), NJAC 7:9-6, *Groundwater Quality Standards*, establishes groundwater criteria for different classes of groundwater. Class II-A, which is defined as all groundwater that is not classified as one of the other special classes, is the class for groundwater at Fort Monmouth. The primary designated use for Class II-A groundwater is potable water; secondary uses include agricultural and industrial water.

Local Hydrogeology

Shallow groundwater is locally influenced within the Main Post area by the following factors:

- Tidal influence (based on proximity to the Atlantic Ocean, rivers, and tributaries)
- Topography
- Nature of the fill material within the Main Post area
- Presence of clay and silt lenses in the natural overburden deposits
- Local groundwater recharge areas (i.e., streams, lakes)

Due to the fluvial nature of the overburden deposits (i.e., sand and clay lenses), shallow groundwater flow direction is best determined on a case-by-case basis. The groundwater flow in the vicinity of the M-2 Landfill has been determined to be north-northwest towards Mill Creek.

1.4.4 Topography

Over the last 80 years, the natural topography of Fort Monmouth has been altered by excavation and filling activities by the military. The land surface at the Main Post is relatively flat and ranges in elevation from 4 ft above mean sea level (msl) in the east at Oceanport Creek to 32 ft msl at the western end of the post, near Highway 35. The eastern half of the post is generally 10 ft msl in elevation.

1.4.5 Surface Water and Wetlands

Surface water runoff from the western part of the Main Post flows into the Lafetra Creek to the north or into the Mill Creek to the south. The USGS map (**Figure 1**) shows the Lafetra Creek as Parkers Creek Branch and Mill Creek as Wampum. Both Mill and Lafetra Creek originate off-post. Mill Creek flows along the southern boundary of the Main Post, turning north just past the Auto Craft Shop. Mill Creek is channelized and flows past the north side of the M-2 Landfill. Lafetra Creek forms the northern boundary of the Main Post and joins Mill Creek to form Parkers Creek. Parkers Creek flows eastward along the northern boundary and joins Oceanport Creek east of the post. Most of Parkers Creek, Lafetra Creek, and Mill Creek are tidally influenced.

The U.S Fish and Wildlife Service (FWS) National Wetland Inventory Long Branch quadrangle maps indicate the presence of wetlands at the Main Post. Parkers and Oceanport Creeks are classified as estuarine intertidal aquatic beds. The area of Parkers Creek and the part of Oceanport Creek/Husky Brook are classified as estuarine intertidal emergent wetlands. Lafetra Creek and Mill Creek are classified as riverine lower perennial open water/unknown bottom.

SECTION 2.0
TECHNICAL OVERVIEW

2.1 SITE INVESTIGATION SUMMARY

The investigation activities performed by WESTON at the M-2 Landfill in support of the SI included sampling of two surface-water locations, installation and sampling of three monitoring wells (MW-1, MW-2, and MW-3), and tidal monitoring. Two rounds of groundwater samples and one round of surface-water samples were collected and analyzed for Target Compound List (TCL) + 30 parameters (which include volatile organic compounds (VOC), semi-volatile organic compounds (SVOC), pesticides, polychlorinated biphenyls (PCB)), Target Analyte List (TAL) metals, and cyanide.

In addition, during performance of the SI, a total of ten groundwater and soil background samples and two sediment and surface water samples were taken on both Charles Wood and the Main Post. Maximum background concentrations were then established and reported in the SI for soil, groundwater, surface water, and sediment at the Main Post and Charles Wood Areas at Fort Monmouth for use in evaluating the analytical results from the SI (Tables 4.1-6 through 4.1-9, WESTON, 1995). (NOTE: References in this Report to maximum background concentrations refer to the Fort Monmouth – Main Post Maximum Background Concentrations presented in the SI Report, WESTON, 1995).

The SI findings of groundwater and surface water sampling were as follows:

<u>Groundwater</u>

Chlorobenzene (CB) was the only VOC detected in the groundwater at the M-2 Landfill. CB was detected at concentrations exceeding the NJDEP GWQC from both sampling rounds in MW-2 and MW-3. CB was not detected in the first sampling round in MW-1, but was detected in the second sampling round in exceedence of the NJDEP GWQC.

SVOC, pesticides, and cyanide were not detected above the laboratory quantitation limits in either sampling round.

Twenty metals were detected in site groundwater, however, only five (aluminum, arsenic, iron, manganese, and lead) were found at concentrations exceeding the NJDEP GWQC. However, for the most part, the five metals were found at concentrations below maximum background concentrations.

The table below summarizes the analytical results from the SI of the samples and averaged concentrations of compounds detected above both the New Jersey GWQC and maximum background concentrations.

Monitoring Well Analytical Data Summary Table - 1995

Compound	NJDEP Groundwater Criteria	Site Background Concentrations	Analytical Results (ug/L) 2/15/95, 3/8/95		
			MW-1 (avg.)	MW-2 (avg.)	MW-3 (avg.)
VOC (ug/L)					
Chlorobenzene	4	ND	**17.5**	**29**	**10**
Metals (ug/L)					
Aluminum	200	121000	**5355R**	**2061.5**	**1616.5**
Arsenic	8	89.3	**8.95**	**--**	--
Iron	300	431000	**15900**	**61250**	**20450**
Manganese	50	331	**78.55**	**286.5**	**483.5****
Lead	10	22.7	--	**11.55***	**14.8**

Source: WESTON, 1995
ug/L - micrograms/liter
* **11.55 ug/L –** New Jersey GWQC exceedence
** **483.5 ug/L** – Background exceedence

Surface Water

Tetrachloroethene (PCE) and trichloroethene (TCE) were the only VOC detected. They were both detected at locations SW-1 and SW-2 at concentrations in the unfiltered samples greater than the NJDEP freshwater criteria and maximum background concentrations.

Bis(2-ethylhexyl) phthalate was the only SVOC detected and at a concentration greater than the NJDEP freshwater criteria and maximum background concentrations at location SW-2, but this detection was considered attributable to sampling or laboratory contamination.

Pesticides and PCB were not detected in the surface water samples.

Of the 13 metals detected in the surface water samples, only the filtered lead sample was found at a concentration greater than the NJDEP freshwater criteria and maximum background concentration.

The table below summarizes the analytical data for the stream and sediment sampling performed during the SI.

Stream & Sediment Analytical Data Summary Table - 1994

Compound	NJDEP Freshwater Criteria	Site Maximum Background (total)	Site Background (soluble)	Analytical Results (ug/L) 12/1/94			
				M-2 (total)		M-2 (soluble)	
				SW-1	SW-2	SW-1	SW-2
VOC							
Tetrachloroethene	0.388	ND	ND	**5J**	**5J**	NA	NA
Trichloroethene	1.09	ND	ND	**2J**	**2J**	NA	NA
SVOC							
Bis(2-ethylhexyl)phthalate	1.76	ND	ND	ND	4J	NA	NA
Metals							
Lead	5	10	ND	3.1	2.3	**7.6**	ND

Source: WESTON, 1995
ug/L - micrograms/liter
J – estimated concentration NA – not analyzed ND – not detected

During performance of the SI activities, groundwater saturation was observed at approximately 8 ft below ground surface (bgs), and water elevation data indicated that local groundwater flow was north toward Mill Creek. Based on observed groundwater elevation measurements, MW-1 was determined to be upgradient and monitoring wells MW-2 and MW-3 were determined to be downgradient of the M-2 Landfill. In addition, based on conductivity and salinity data and field observations, both surface water sampling locations were determined to be freshwater.

Results of the tidal monitoring indicated that there was no apparent relationship between the changing creek water levels and observed water levels in the upgradient monitoring well (MW-1); however, a direct relationship was observed between changing creek water levels and the observed water levels in the downgradient monitoring wells (MW-2 and MW-3).

The SI Report stated that, although New Jersey GWQC criteria had been exceeded for one VOC and surface water results were slightly exceeded by two VOC, an immediate remedial action was not required for several reasons:

1. Immediate remedial action is usually based on an immediate threat to human health. Based on the findings of the SI, the groundwater and surface waters at the M-2 Landfill were not used for drinking water, so human health impacts were not likely.
2. Surface water sampling had been performed at the M-2 Landfill since 1986, and since the landfill had not been used for decades, the concentrations of VOC were perceived, at worst, to be stable and possibly decreasing.
3. Presumably, since no material was being added to the source (i.e., the landfill), natural degradation would decrease groundwater and surface-water contamination levels in the future.

4. Previous surface water sampling at the M-8 Landfill had indicated that NJDEP surface-water criteria had not been exceeded for VOC. Therefore, the only portion of Mill Creek for which NJDEP surface water criteria had been exceeded was the portion between the M-2 and the M-8 Landfills, which resides on Fort Monmouth and is maintained under restricted access.

The SI Report also presented a DPW proposal for the M-2 Landfill site that was subsequently implemented. Because the existing monitoring wells and surface water sampling locations were adequately spaced to monitor downgradient groundwater and surface water conditions, a long-term surface water and groundwater monitoring program was developed.

Following completion of the SI, Fort Monmouth committed to implementing the long-term groundwater monitoring program and intended to submit a RAW to NJDEP recommending natural attenuation at the M-2 Landfill. However, based on the results of initial groundwater sampling and a request by NJDEP for further groundwater characterization, an "enhanced" SI for groundwater was conducted. The enhanced SI identified benzene and PCB in the groundwater at the M-2 Landfill. This resulted in the performance of a remedial investigation (RI) encompassing soil and groundwater characterization to determine the extent of the PCB and benzene impacts at the M-2 Landfill Site.

2.2 RELIABILITY AND QUALITY OF LABORATORY ANALYTICAL DATA

Soil and water chemical analyses for the samples collected at the M-2 Landfill were conducted at the Fort Monmouth Environmental Testing Laboratory, a New Jersey certified laboratory (Certification No. 13461). Review of the analytical data report packages provided by the laboratory indicated that analytical data is of good quality and is reliable. A summary of the analysis parameters and analytical methods used by the laboratory is provided below.

Summary of Analytical Methodology

Analysis Parameter	EPA Method
Volatile Organic Compounds (VOC) – Aqueous	624
Volatile Organic Compounds (VOC) - Soil	8260
Semi-Volatile Organic Compounds (SVOC)	625
Pesticides/PCB in Soil	8082
Pesticides/PCB in Water	608
ICP TAL Metals	3120B
Mercury	3112B

The data reports indicate that the appropriate analytical methods were used, holding times were met, and duplicate and blank analyses showed good reproducibility. The method detection limits achieved by the laboratory for the various analytes were well below the regulatory limits.

2.3 SIGNIFICANT EVENTS/SEASONAL VARIATION

Surface water in Mill Creek has been sampled monthly and then quarterly from October 1996 through June 2000. Groundwater has been sampled quarterly since May 1997. During this period, the only significant events were the drought of the summer of 1998 and Hurricane Floyd in September 1999. These events did not influence sampling procedures, and evaluation of the reported analytical results for the surface and groundwater samples showed no discernable effect on analyte concentrations. Similarly, the analytical results show no discernable seasonal variation.

2.4 TREATABILITY, BENCH-SCALE AND PILOT-SCALE STUDIES

There were no treatability, bench-scale or pilot-scale studies required in support of the Remedial Investigation for the M-2 Landfill.

2.5 DEVELOPMENT OF PERMIT LIMITATIONS

Data has not been collected, to date, to develop permit limitations in support of the proposed remedial actions for the M-2 Landfill.

2.6 ECOLOGICAL ASSESSMENT SUMMARY

Ecological assessments were not done as part of the Remedial Investigation of the M-2 Landfill.

SECTION 3.0
REMEDIAL INVESTIGATION

3.1 REMEDIAL INVESTIGATION APPROACH

The primary findings of the SI for the M-2 Landfill were as follows:

- In the groundwater, CB was detected at concentrations exceeding the New Jersey GWQC and the maximum background concentrations in both downgradient monitoring wells (MW-2 and MW-3) during both sampling rounds, and in the upgradient well (MW-1) during one sampling round.

- In the surface water, PCE and TCE were both detected in the unfiltered surface water samples at concentrations greater than the NJDEP freshwater criteria and maximum background concentrations at locations SW-1 and SW-2. Only the filtered lead sample was found at a concentration greater than the NJDEP freshwater criteria and maximum background.

- Based on the results of tidal monitoring performed during the SI, there appeared to be no apparent connection between the creek and the upgradient monitoring well (MW-1); however, a direct relationship was observed between the creek and the downgradient monitoring wells (MW-2 and MW-3).

The findings of the SI established a preliminary conceptual model for the site:

- Air. Upon closure, the landfilled area had been leveled and graded with cover material. There was no evidence of any potential impacts to the environment via the air pathway.

- Soils. The landfill had been inactive since approximately 1968 and the past 30+ years had seen the growth and stabilization of vegetation (i.e., grass, trees, brush) on the landfill. However, the exact nature of the cover materials was uncertain. In addition, no soil samples had been collected from the landfill during the SI. A source area might exist within the fill material that was impacting the shallow groundwater and/or surface water.

- Groundwater. VOC (chlorobenzene) had been detected in both the upgradient and downgradient wells. Since CB had not been detected in the surface water samples, the landfill appeared to be impacting the shallow groundwater. In addition, there appeared to be a connection between the shallow groundwater at the site in the downgradient monitoring wells and the stream.

- Surface Water. PCE and TCE were both detected in the unfiltered surface water samples at both sampling locations. However, the results of the long-term Fort Monmouth

surface water sampling program showed that there is an upgradient source of the VOC in Mill Creek located beyond the boundary of Fort Monmouth.

The following remedial investigation approach was established:

- Perform a Geoprobe® investigation of the soils and groundwater within the landfill to characterize the near-surface and subsurface soils, the landfill cover materials, as well as the shallow groundwater to determine whether a source area exists for the VOC observed in the groundwater and the stream.

- Install additional groundwater monitoring wells both within and below the landfilled materials and perform slug and pump tests to determine the aquifer characteristics of the shallow saturated zone beneath the M-2 Landfill. Incorporate the new wells into the quarterly groundwater monitoring program.

- Continue the quarterly surface water sampling. In addition, collect sediment samples at selected locations as well as surface water samples to evaluate potential impact to the stream from the contaminants of concern (COC) detected in the soils and shallow groundwater of the landfill and also to evaluate potential upstream sources of COC (i.e., PCE and TCE).

3.2 REMEDIAL INVESTIGATION ACTIVITIES

Based on the results and findings of the SI and the established remedial investigation approach, a complete RI was initiated during February 1999. Remedial investigation activities were managed by the DPW and implemented by TVS personnel and Versar. All analyses were performed and reported by the Fort Monmouth Environmental Testing Laboratory, an NJDEP-certified testing laboratory. All sampling was performed in accordance with the methods described in the NJDEP *Field Sampling Procedures Manual.* Sampling frequency and parameters analyzed complied with the NJDEP *Technical Requirements for Site Remediation* (N.J.A.C. 7:26E). Fort Monmouth Standard Operating Procedures (SOPs) for the performance of GeoProbe® investigations, PCB, and groundwater sampling are provided in **Appendix A.** Analytical results were first compared to the respective method detection limit (MDL) and maximum background concentration (where applicable and appropriate). Analytical results that exceeded the MDL and the maximum background concentration (where applicable and appropriate) were then compared to the respective NJDEP criteria.

3.2.1 PCB Investigation

In February 1999, a GeoProbe® soil and groundwater investigation was conducted to delineate PCB concentrations, both horizontally and vertically. Samples were collected along an established grid at alternating 6-inch intervals from the surface to the observed water table. At locations where PCB concentrations were detected at the RDCSCC for PCB of 0.49 milligrams/Kilogram (mg/Kg) or greater, another sample was collected 0.5 ft deeper at that same location. This process continued until concentrations less than 0.49 mg/Kg were detected.

When PCB concentrations in the samples collected at a grid location exceeded 0.49 mg/Kg, another surface sample was collected at the next location further along the established grid. This method continued until observed PCB concentrations were less than the RDCSCC.

Soil Investigation

As part of the PCB soil investigation, 73 GeoProbe® soil borings were advanced from two areas within the M-2 Landfill site. One area was located in the eastern portion of the landfill in the vicinity of MW-23 and the second in the western portion of the landfill in the vicinity of MW-02. A total of 622 soil samples (and 25 duplicate samples) were collected and analyzed for Total PCB using EPA Method 8082. Analytical results were reported for the following PCB Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, and 1260. The analytical results for the PCB Arochlors detected above the MDL in each soil sample are presented in **Table 1**. The analytical results for the PCB Arochlors reported above the respective MDL for each soil sample have also been summed in **Table 1** to establish a Total PCB value for that sample. The analytical results for each sample and each Arochlor (as well as the calculated Total PCB value) detected above the RDCSCC for PCB of 0.49 mg/Kg have then been **bolded** in **Table 1**.

PCB were detected above the MDL in 51 of the soil borings and at concentrations that exceeded the RDSCC of 0.49 mg/Kg at 40 boring locations and in 82 of the samples. The PCB detected were primarily Arochlors 1016 and Arochlor 1260, although Arochlors 1242 and 1254 were also occasionally detected. The PCB concentrations greater than the RDCSCC ranged from 0.496 mg/Kg to 805.06 mg/Kg. The PCB were detected at depths that ranged from 0.5 to 8.5 ft bgs and appeared to be randomly distributed both within and among the borings. In most cases, if a detection for PCB was reported in a soil boring, the next sample depth interval was either non-detect (ND) or below the RDCSCC and representative of isolated detections by depth. No specific source area for the PCB in the soil was defined. Additionally, the reported elevated PCB concentrations are proximate to monitoring wells MW-6 and MW-9. These monitoring wells had exceedences of the GWQC for PCB during several sampling events in 1998 and early 1999 conducted as part of the Fort Monmouth Quarterly Groundwater Monitoring Program. No PCB exceedences have been observed in monitoring wells MW-6 and MW-9 since July 1999. The boring locations and the calculated Total PCB value for each boring and sample depth are shown in **Figure 4 (Sheets 1 and 2).** In addition, Total PCB values detected above the RDCSCC for PCB have been "boxed" in "red".

Groundwater Investigation

Groundwater samples were collected from 45 of the soil borings from both areas (i.e., in the vicinity of MW-23 and MW-02) and submitted for Total PCB analysis. Analytical results were reported for the following PCB Arochlors: 1016, 1221, 1232, 1242, 1248, 1254, and 1260. The analytical results for the PCB Arochlors detected above the MDL in each groundwater sample are presented in **Table 2**. The analytical results for the PCB Arochlors reported above the respective MDL for each groundwater sample have also been summed in **Table 2** to establish a Total PCB value for that sample. The analytical results for each sample and each Arochlor (as

well as the calculated Total PCB value) detected above the GWQC for PCB of 0.50 micrograms/liter (ug/L) have then been **bolded** in **Table 2**.

PCB were detected in the groundwater samples collected from 14 boring locations. The groundwater samples collected from eight (of the 14) boring locations also exceeded the NJDEP GWQC for PCB of 0.50 ug/L. The boring locations and the calculated Total PCB value for each boring and sample depth are shown in **Figure 5.** In addition, Total PCB values detected above the GWQC for PCB have been "boxed" in "red". Two of the groundwater samples with PCB above the GWQC were located within the "eastern" sampling area (i.e., in the vicinity of MW-23): Boring Locations 21 and 23. Six of the groundwater samples with PCB above the GWQC were located within the "western" sampling area (i.e., in the vicinity of MW-02): Boring Locations 1, 4, 9, 9A, 9B, and 15B. In collecting the groundwater samples as "grab samples" from the installed borings, sediments containing PCB were likely entrained within the groundwater samples, thereby impacting the reported results.

In comparison to the results of the soil investigation presented in **Table 1** and on **Figure 4**, Boring Location 21 presented two detections of PCB, with one detection (22.396 mg/Kg) above the RDCSCC. Boring Location 23 contained one detection for PCB (0.914 mg/Kg) that was also above the RDCSCC. However, a total of 13 borings within the "eastern" area contained soil samples with detections of PCB greater than the RDCSCC. This was not represented in the findings of the groundwater investigation, confirming the lack of a defined source area for the PCB within that area. Within the "western" sampling area:

- Boring Location 1 contained five detections of PCB with two detections (9.806 and 3.206 mg/Kg) exceeding the RDCSCC;
- Boring Location 4 contained two detections (4.498 and 75. 833 mg/Kg) of PCB that also exceeded the RDCSCC;
- Boring Location 9 contained one detection of PCB (0.696 mg/Kg) that also exceeded the RDCSCC;
- Boring Location 9A contained three detections of PCB that did not exceed the RDCSCC;
- Boring Location 9B had no detections of PCB, and
- Boring Location 15B had no detections of PCB.

A total of 26 boring locations within the "western" sampling area contained soil samples with detections greater than the RDCSCC. While some consistency was shown between the soil and groundwater samples collected at Boring Locations 1, 4, 9, and 9A, there was still no confirmation of a defined source area for the PCB. Further, PCB have not been detected at MW-02 or MW-23 in sampling conducted as part of the Fort Monmouth Quarterly Groundwater Monitoring Program.

Given the likely random nature and placement of waste materials within the M-2 Landfill, the findings of the soil and groundwater investigation for PCB are consistent with the lack of a defined source area and illustrate the variety of waste materials placed within the landfill. Furthermore, because the groundwater investigation was performed primarily using a GeoProbe®

approach, the sediment concentration and turbidity of the collected groundwater samples likely increased the number of PCB detections at the site.

3.2.2 Benzene/Chlorobenzene Investigation

In March 1999, following the PCB investigation, a soil investigation was conducted to delineate benzene and CB concentrations in both the soil and shallow groundwater of the M-2 Landfill.

Soil/Fill Investigation

A total of 208 GeoProbe® soil samples were collected during the soil/fill investigation at varying depths ranging from 12-inches to 108-inches bgs. The intent of the sampling was to obtain a complete soil column from 0-6 inches bgs to the observed water table. A 4-ft split-spoon soil sample was obtained and screened visually and by using a photoionization detector (PID)/FID. If any contamination was observed, a sample was collected. If nothing was visually observed or detected by the field-screening instrument, a sample was still taken just above the water table. The collected samples were submitted for VOC analysis using EPA Method 8260. **Table 3** summarizes the analytical results for the detected VOC and **Figure 6** shows the boring locations and the analytical results for benzene and CB as well as the respective sample depth. In addition, benzene and CB detections above the respective RDCSCC have been **bolded** on **Table 3** and "boxed" in "red" on **Figure 6**.

Ten (10) VOC were detected in the collected soil samples: methylene chloride, carbon disulfide, CB, benzene, ethyl-benzene, total xylenes, 2-butanone, toluene, acetone, and chloroform. Methylene chloride was detected in 34 samples ranging from 0.64 mg/Kg to 5.0 mg/Kg, with no detections above the RDCSCC of 49 mg/Kg. Carbon disulfide was detected in two samples at 0.99 and 1.5 mg/Kg (there is no RDCSCC for carbon disulfide). CB was detected in 17 samples ranging from 0.43 mg/Kg to 6.0 mg/Kg, with no detections above the RDCSCC of 37 mg/Kg. Benzene was detected in six samples ranging from 0.34 mg/Kg to 0.68 mg/Kg, with no detections above the RDCSCC of 3 mg/Kg. Ethylbenzene was detected in one sample at 1.1 mg/Kg, which is below the RDCSCC of 1000 mg/Kg. Xylene (as total xylenes) was detected in four samples ranging from 0.55 mg/Kg to 4.0 mg/Kg, with no detections above the RDCSCC of 410 mg/Kg. 2-Butanone was detected in 47 samples ranging from 0.97 mg/Kg to 7.6 mg/Kg, with no detections above the RDCSCC of 1000 mg/Kg. Toluene was detected in three samples ranging from 0.42 mg/Kg to 2.0 mg/Kg, with no detections above the RDCSCC of 1000 mg/Kg. Acetone was detected in 40 samples ranging from 1.7 mg/Kg to 10.0 mg/Kg, with no detections above the RDCSCC of 1000 mg/Kg. Chloroform was detected in 71 samples ranging from 0.29 mg/Kg to 2.5 mg/Kg, with no detections above the RDCSCC of 19 mg/Kg.

In summary, while there were detections of VOC in the shallow subsurface soils (to a depth of approximately 7-8 ft bgs), no VOC and specifically benzene and CB, were found to exceed the respective NJDEP RDCSCC.

Groundwater Investigation

The groundwater investigation was conducted in conjunction with the soil/fill investigation. Groundwater samples were collected from each of the 185 GeoProbe® borings following the soil sample collection. The collected samples were submitted for VOC analysis using EPA Method 624.

Table 4 summarizes the analytical results for the detected VOC and **Figure 7** shows the boring locations and the analytical results for benzene and CB as well as the respective sample depth. In addition, benzene and CB detections above the respective GWQC have been **bolded** on **Table 4** and "boxed" in "red" on **Figure 7**.

A total of twenty (20) VOC were detected in the collected groundwater samples: methylene chloride, carbon disulfide, CB, benzene, ethyl-benzene, total xylenes, toluene, acetone, chloroform, 1,4-dichlorobenzene (DCB), 1,2-DCB, 1,3-DCB, PCE, TCE, vinyl chloride (VC), trans-1,2-dichloroethane (DCE), 2-butanone, tert-butyl alcohol, and methyl-tert-butyl ether. Methylene chloride was not detected in any of the collected groundwater samples, but was detected in six of the collected field blank samples ranging from 2.35 ug/L to 5.0 ug/L, with all six detections exceeding the GWQC of 2 ug/L. Carbon disulfide was detected in 31 of the collected groundwater samples ranging from 1.10 ug/L to 20.61 ug/L (there is no established GWQC for carbon disulfide). CB was detected in 148 of the collected groundwater samples ranging from 1.00 ug/L to 181.39 ug/L, with 125 of the detections exceeding the GWQC of 4 ug/L. Benzene was detected in 100 of the collected groundwater samples ranging from 0.55 ug/L to 14.67 ug/L, with 98 of the detections exceeding the GWQC of 1 ug/L. Ethyl-benzene was detected in three of the collected groundwater samples ranging from 1.12 ug/L to 3.15 ug/L, with none of the detections exceeding the GWQC of 700 ug/L. Xylene (as total xylenes) was detected in ten of the collected groundwater samples ranging from 1.39 ug/L to 7.82 ug/L, with none of the detections exceeding the GWQC for total xylene of 40 ug/L. Toluene was detected in ten of the collected groundwater samples ranging from 1.06 ug/L to 5.65 ug/L, with none of the detections exceeding the GWQC of 1000 ug/L. Acetone was detected in 37 of the collected groundwater samples ranging from 1.95 ug/L to 53.79 ug/L and in two of the collected field blanks, none of the detections exceeded the GWQC for acetone of 700 ug/L. Chloroform was detected in four of the collected groundwater samples ranging from 1.32 ug/L to 26.80 ug/L and in four of the collected field blanks. Two of the groundwater detections for chloroform exceeded the GWQC of 6 ug/L. The two detections were associated with Boring Location 115B and a field duplicate collected from that sample (26.80 ug/L and 26.06 ug/L, respectively). 1,4-DCB was detected in 132 of the collected groundwater samples ranging from 1.01 ug/L to 17.96 ug/L, with none of the detections exceeding the GWQC of 75 ug/L. 1,2-DCB was detected in 15 of the collected groundwater samples ranging from 0.93 ug/L to 2.51 ug/L, with none of the detections exceeding the GWQC of 600 ug/L. 1,3-DCB was detected in 28 of the collected groundwater samples ranging from 0.84 ug/L to 4.87 ug/L, with none of the detections exceeding the GWQC of 600 ug/L. PCE, TCE, VC, trans-1,2-DCE, and cis-1,2-DCE were all detected only once in the groundwater sample collected from boring location No. 48. The PCE, TCE, VC, and cis-1,2-DCE detections all exceeded the respective GWQC: 6.51 ug/L vs. 1 ug/L; 16.71 ug/L vs. 1 ug/L; 15.75 ug/L vs. 5 ug/L, and 72.00 ug/L vs. 10 ug/L, respectively. 2-Butanone was detected in five of the collected groundwater samples ranging from 2.46 ug/L to 186.75 ug/L, with none of the detections exceeding the GWQC of 1000 ug/L. Tert-Butyl alcohol was detected

in three of the collected groundwater samples ranging from 53.08 ug/L to 91.11 ug/L (there is no established GWQC for tert-butyl alcohol). Methyl-tert-Butyl ether was detected in two of the collected groundwater samples at 2.31 ug/L and 3.04 ug/L (there is no established GWQC for methyl-tert-butyl ether).

In summary, there were a number of relatively minor detections of VOC in the groundwater samples collected from the installed boring locations. Detections for CB, benzene, PCE, TCE, VC, and cis-1,2-DCE exceeded the respective GWQC. In the case of PCE, TCE, VC, and cis-1,2-DCE, there was only a single detection for each of these VOC at one boring location (No. 48). There were no VOC detected in the soil sample collected from Boring Location No. 48. The chlorinated hydrocarbons (i.e., PCE, TCE, DCE, and VC) are not areally extensive and do not warrant further investigation or active remediation based on the probable land and water uses at Fort Monmouth. They will be addressed incidentally with the implementation of the remedial strategy presented herein.

Based on the groundwater sampling results, benzene and CB are present in the shallow groundwater beneath the M-2 Landfill site at concentrations that exceed the respective GWQC and are considered COC. Comparison with groundwater analytical data from relatively deeper monitoring wells, such as MW-19, suggests that VOC appear to be limited to the shallow portion of the saturated zone.

3.2.3 Landfill Near-Surface Soils Investigation

To characterize near surface soils (0 to 2 ft) at the M-2 Landfill, the DPW installed soil borings and obtained soil samples between November 1998 and June 1999 at 196 locations. The evaluation of near-surface soils of the M-2 Landfill is detailed in a separate RIR entitled, *Remedial Investigation Report for Near-Surface Soils M-2 Landfill, Draft Report, July 2000* (Versar, 2000). All soil samples were analyzed for VOC, SVOC, pesticides/PCB and metals. The data for samples that exceeded the laboratory MDL and/or the respective NJDEP RDCSCC were evaluated to determine compliance with the respective NJDEP RDCSCC (Versar, 2000). A summary of analytical results along with the conclusions and recommendations of this investigation are provided below.

Volatile Organic Compounds (VOC)

A total of 196 boring samples were collected at 24 inches bgs and analyzed for VOC. No VOC exceeded the respective NJDEP RDCSCC.

Semi-Volatile Organic Compounds (SVOC)

A total of 196 soil boring samples were collected at 6 to 12 inches bgs and analyzed for SVOC. At 12 boring locations, seven SVOC were detected at concentrations exceeding the NJDEP

RDCSCC for soils. Exceedence locations were generally scattered across the landfill. The sample locations with exceedences were grouped and evaluated for the seven SVOC utilizing "compliance averaging". The results showed that, except for benzo(a)pyrene, the calculated compliance averages for the SVOC detections were below the respective RDCSCC, the exceedence was considered marginal, or an isolated location and a "de minimus" quantity (i.e., a small amount of contaminated soil, surrounded by sample concentrations either below the RDCSCC and/or non-detect) was present, and no further action is warranted.

Benzo(a)pyrene was detected in 12 borings above the RDCSCC of 0.66 mg/Kg. The exceedence concentrations ranged from 0.73J mg/Kg to 10 mg/Kg. The maximum background concentration for benzo(a)pyrene is 0.6 mg/Kg. A more stringent compliance criterion was used for benzo(a)pyrene because, as described in the Spring 1995 Site Remediation News (Volume 7 Number 2), NJDEP guidance regarding the use of multiplication factors (initially applied to the RDCSCC to limit the maximum allowable concentration for individual samples) had changed. Current NJDEP guidance regarding benzo(a)pyrene prescribes the application of multiplication factors to health-based criteria, not to a RDCSCC. The health based criteria for benzo(a)pyrene in soil is 0.09 mg/Kg. Applying the 10x factor to 0.09 mg/Kg means that no individual sample may exceed 0.9 mg/Kg for the purposes of compliance averaging. Using this criterion, only four of the 12 exceedences could be used for compliance averaging. These four exceedences all fell below 0.9 mg/Kg and slightly above the RDCSCC (0.66 mg/Kg) and were considered marginal. The other exceedences were considered to be marginal or de minimis quantities because the surrounding borings contained concentrations of benzo(a)pyrene below the RDCSCC or below detection. No further action is recommended for benzo(a)pyrene.

Pesticides/PCB

Eleven of the 196 boring samples exceeded the respective NJDEP RDCSCC for pesticides/PCB. Only three pesticides (4,4'-DDT, Dieldrin, and 4,4'-DDE) and four PCB compounds (Arochlor 1242, 1254, 1258, and 1260) were detected at concentrations exceeding the respective RDCSCC. Sample locations with exceedences were randomly scattered across the landfill. For the purpose of further evaluating the results, the exceedences were grouped and compliance averaging was performed where applicable/appropriate. The results showed that the calculated compliance averages for the three pesticides and four PCB exceedences were either below the respective RDCSCC, the exceedence was considered marginal, or an isolated location and a de minimus quantity existed. No further action is recommended for pesticides/PCB.

Metals

Nineteen of the 196 boring samples contained one or more metal concentrations above the respective NJDEP RDCSCC. Within the 19 borings, seven metals exceeded their respective RDCSCC. These included arsenic, beryllium, cadmium, nickel, zinc, lead, and mercury. Sample locations with exceedences were generally scattered along the northern edge of the landfill with some also located along the southern edge.

The exceedences for five of the metals (lead, mercury, nickel, zinc, and cadmium) occurred in isolated borings across the landfill. The analytical results for these five metals were either below

the respective RDCSCC, the exceedence was considered marginal, or an isolated location and a de-minimus quantity existed. No further action is warranted.

Beryllium was detected above the RDCSCC of 2.0 mg/Kg in seven borings. The exceedence concentrations ranged from 2.03 mg/Kg to 10.6 mg/Kg. The maximum background concentration for beryllium is 2.0 mg/Kg. The seven exceedences were randomly scattered along the northwestern edge of the landfill and did not indicate a particular source area. NJDEP guidance states that, for beryllium, no sample may exceed 2 mg/Kg for the purpose of compliance averaging. But, given the low average exceedence, a maximum background concentration equal to the RDCSCC, the isolated and scattered distribution of the exceedences, and the low concentrations in the surrounding samples, no further action is warranted for beryllium.

Arsenic was detected above the RDCSCC of 20 mg/Kg in nine borings. The arsenic exceedences were scattered across the landfill and did not indicate a particular source. The exceedence concentrations ranged from 21.2 mg/Kg to 81.3 mg/Kg. The Fort Monmouth – Main Post maximum background concentration for arsenic in soils is 22.9 mg/Kg (WESTON, 1995). Compliance averaging was not performed for arsenic because, as described in the guidance published in the Spring 1995 Site Remediation News by NJDEP, the 20 mg/Kg RDCSCC for arsenic is already 50 times higher than the health based number for arsenic (0.4 mg/Kg). Therefore, individual samples cannot exceed the RDCSCC unless a site-specific remediation standard is developed. The Spring 1995 guidance also states that exceedences of the arsenic RDCSCC due to natural background conditions would not require cleanup, but would require a site-specific remediation standard to document that the local natural background was greater than the RDCSCC. Given the scattered distribution of the arsenic exceedences, the maximum background concentration for arsenic, and the low concentrations in the surrounding samples, no further action for arsenic is warranted.

Although exceedences of NJDEP RDCSCC are identified in the near surface soils for SVOC, pesticides/PCB, and metals within the landfill, evaluation of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. Either the specific calculated compliance average was below the respective RDCSCC, the exceedence was considered marginal, or an isolated location and a de minimus quantity was detected. No further action is warranted for the near surface soils. However, to address the PCB detected in the near surface soils, the DPW will incorporate a document equivalent to a Declaration of Environmental Restriction (DER) into the Fort Monmouth Master Plan for soils containing PCB.

3.2.4 Groundwater Investigation

A total of 24 groundwater monitoring wells have been installed and incorporated into the monitoring program at the M-2 Landfill. The wells have been installed to characterize the shallow groundwater at two distinct depth intervals: approximately 13 – 22 ft bgs, a depth interval considered to be within the fill, and 30 - 50 ft bgs, a depth considered to be well below any fill material.

As discussed in Section 2, three (3) groundwater monitoring wells (MW-1, MW-2, and MW-3) were installed by WESTON in late 1994 as part of the SI to initially characterize the groundwater at the M-2 Landfill. At that time, MW-1 was determined to be upgradient and MW-2 and MW-3 downgradient. Further, results of tidal monitoring performed during the SI indicated that there was no apparent relationship between the changing creek water levels and observed water levels in the upgradient well MW-1; however, a direct relationship was observed between changing creek water levels and the observed water levels in downgradient wells MW-2 and MW-3. MW-4 was then installed in February 1998, followed by the installation of six additional monitoring wells (MW-5, -6, -7, -8, -9, and -10) during the third and fourth quarters of 1998. Well logs and well construction summaries are included in the SI Report (WESTON, 1995) and also in **Appendix B** of this report. Approximate locations of the monitoring wells are depicted in **Figure 9**.

In April 2000, Versar provided oversight for the installation of 14 monitoring wells, MW-11 through MW-24, which were subsequently sampled in May and June 2000. The approximate locations of these wells are depicted on **Figure 9**. One set of wells was installed in the fill to a depth of 20 feet bgs (Wells MW13, MW14, MW15, MW16, MW17, MW18, MW21, MW22, MW23 and MW24) with a 15-foot screen interval from 5 feet to 20 ft bgs in each well. A second set of wells was installed deeper in the native material beneath the fill to a depth of 50 ft bgs (Wells MW11, MW12, MW19, and MW20) with a 20-foot screen interval from 30 ft to 50 ft bgs (see well logs in **Appendix B**). An all-terrain, hollow-stem, auger drill rig was used to advance the boring at each well location. The wells were constructed of 4-inch diameter schedule 40 PVC screen (0.010 slot) and PVC casing. The annular space surrounding each well screen was filled with #1 Morie sand to a level at least two ft above the top of screen. A one-foot thick bentonite plug was placed above the sand pack of each well, and the remainder of the annular space surrounding each well was filled with cement/bentonite grout to ground surface. Each well was completed with a 3-foot PVC casing stick up (above ground surface), and protected by a 6-inch diameter steel protective casing. Upon completion, the wells were developed using a submersible pump until the groundwater was visibly free of sediment. The wells were installed and developed by CT&E Drilling Services, Inc., a licensed New Jersey drilling company. The wells were installed in accordance with standard NJDEP procedures for the installation of wells in unconsolidated materials. Monitoring well logs, construction details, and monitoring well records are included as **Appendix B**.

A summary of the groundwater monitoring wells installed at the M-2 Landfill, including the total well depth and screened interval, is provided below:

Summary of Groundwater Monitoring Wells at the M-2 Landfill

Monitoring Well No.	Date of Installation	Total Well Depth (feet)	Screened Interval (feet)
MW-1	14 December 1994	22	7 - 22
MW-2	13 December 1994	18	7.5 - 17
MW-3	13 December 1994	16	5 - 15
MW-4	17 December 1997	19	7 – 19*
MW-5	24 August 1998	13	3 – 13*
MW-6	24 August 1998	15	3 – 15*
MW-7	24 August 1998	15	5 – 15*
MW-8	24 August 1998	15	5 - 15*
MW-9	24 August 1998	15	5 - 15*
MW-10	31 August 1998	20	5 - 20*
MW-11	4 May 2000	50	30 - 50
MW-12	5 May 2000	50	30 - 50
MW-13	8 May 2000	20	5 - 20
MW-14	19 April 2000	20	5 – 20
MW-15	8 May 2000	20	5 – 20
MW-16	8 May 2000	20	5 – 20
MW-17	3 May 2000	20	5 - 20
MW-18	2 May 2000	20	5 - 20
MW-19	3 May 2999	50	30 - 50
MW-20	2 May 2000	50	30 - 50
MW-21	3 May 2000	20	5 - 20
MW-22	3 May 2000	20	5 - 20
MW-23	8 May 2000	20	5 - 20
MW-24	4 May 2000	20	5 – 20

* Approximate screen interval. Shaded cells represent the deeper wells.

The Fort Monmouth Quarterly Groundwater Monitoring Program was initiated in the 2nd Quarter (May) of 1997. The collected groundwater samples have been analyzed for TCL VOC (+15), TCL BNA (+15), TCL pesticides/PCB, and TAL metals. The results of the 12 rounds conducted through March 2000 as well as the initial two rounds of sampling performed for monitoring wells MW-5 through MW-10 in October/November 1998 and then MW-11 through MW-24 in May/June 2000 are presented in **Table 5** and are summarized below. Groundwater contour maps for each sampling quarter are presented in **Figures 8a** through **8o**. The groundwater elevation contours were generated from groundwater level measurements made during the quarterly sampling of the monitoring wells. The figures indicate that groundwater flow is consistently north-northwest, towards Mill Creek at a gentle gradient of 0.03 (approximately 3 ft of vertical drop for every 100 ft of horizontal distance). The locations of the groundwater monitoring wells are shown on **Figure 9**.

As presented in the SI Report (WESTON, 1995), several natural and anthropogenic factors contribute to the wide range in concentrations of metals in soils, which further impact the concentration of metals in groundwater. Soils derived from the glauconitic sands contain abundant aluminum, calcium, potassium, iron, magnesium, and manganese (among others), which are likely to be present at elevated concentrations in the groundwater, particularly when sediments are entrained in the collected groundwater samples. A low flow sampling methodology was proposed for use by the DPW and accepted by the NJDEP to assess the impact of entrained sediments on the dissolved phase metal concentrations at the site (discussed in **Appendix C**). Using a low flow sampling methodology to reduce the presence of entrained sediment yielded substantial reductions in the dissolved phase concentrations of metals, such as arsenic, antimony, beryllium, cadmium, chromium, cobalt, lead, mercury, selenium, silver, thallium, and vanadium. Significant decreases in the concentrations of metals characteristic of glauconitic sand also were observed. These included aluminum, barium, calcium, copper, iron, magnesium, manganese, nickel, potassium, sodium, and zinc.

The detected parameters for each monitoring well have been compared to the respective GWQC and for metals the respective GWQC and Fort Monmouth – Main Post Maximum Background Concentrations (MBC), presented below, to determine contaminants of concern requiring further evaluation.

Fort Monmouth Main Post – Summary of Site Specific and Monmouth County Groundwater Maximum Background Concentrations

Metals (Total)	Fort Monmouth – Main Post Maximum Background Concentrations (ug/L)	Monmouth County [1] (maximum) (ug/L)
Aluminum	121,000	NLE
Antimony	20.7	NLE
Arsenic	89.3	NLE
Barium	699	400
Beryllium	2.1	7
Calcium	45,400	7,300
Cadmium	9.5	6
Cobalt	18.3	NLE
Chromium	191	<50
Copper	65.6	730
Cyanide	ND	NLE
Iron	431,000	27,000
Lead	22.7	<100
Magnesium	62,700	25,000
Mercury	0.26	NLE
Manganese	331	480
Nickel	187	NLE
Potassium	137,000	10,000

Metals (Total)	Fort Monmouth – Main Post Maximum Background Concentrations (ug/L)	Monmouth County [1] (maximum) (ug/L)
Silver	ND	<10
Sodium	21,500	197,000
Selenium	29.6	NLE
Thallium	5.5	NLE
Vanadium	108	NLE
Zinc	233	60

Source: Table 4.1-6, WESTON, 1995
NLE – No level established.
[1] – From Table 9 in Harriman and Sargent, 1985.

The analytical results of the sampling events (including metals) are discussed below for each of the site wells.

Monitoring Well MW-01

Twelve (12) rounds of groundwater sampling have been conducted to-date at MW-01 (May 1997 – March 2000). There were two VOC detected, acetone and methyl-tert-butyl ether. Acetone was detected during one sampling event at 7.27 ug/L, which is below the GWQC of 700 ug/L. Methyl-tert-butyl ether was also detected during only one sampling event at 1.02 ug/L (there is no GWQC for methyl-tert-butyl ether).

There were seven SVOC detected during the 12 sampling rounds: 2-methylnaphthalene (1 detection); 4-methylphenol (1 detection); bis(2-ethylhexyl)phthalate (3 detections); butylbenzylphthalate (2 detections); diethlyphthalate (1 detection); di-n-butylphthalate (3 detections), and naphthalene (1 detection). The SVOC detections were either all below the respective GWQC or no GWQC existed for that parameter.

Two pesticides were detected during the 12 sampling rounds (4,4'-DDE and 4,4'-DDT). Each was detected only once, and at a concentration that did not exceed the respective GWQC. There were no PCB detected during the 12 sampling rounds.

A total of 21 metals were detected during the 12 sampling rounds. Of the 21 metals detected, 16 metals (arsenic, barium, beryllium, calcium, chromium, cobalt, copper, magnesium, mercury, nickel, potassium, silver, sodium, thallium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Five metals (aluminum, cadmium, iron, lead, and manganese) were detected above their respective GWQC, but none are identified as COC.

Of the naturally occurring metal constituents, aluminum, iron, and manganese were detected in MW-01. Aluminum was detected during 11 of the 12 sampling rounds at concentrations ranging from 236.3 ug/L to 2,480 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but did not exceed the MBC of 121,000 ug/L. Iron was detected in all 12 sampling rounds ranging from 100 ug/L to 7,790 ug/L, with ten of the detections exceeding the GWQC of 300

ug/L, but none of the detections exceeding the MBC of 431,000 ug/L. Manganese was detected in all 12 of the sampling rounds ranging from 73.1 ug/L to 4,940 ug/L, with all eleven detections exceeding the GWQC of 50 ug/L and one of the detections exceeding the MBC of 331 ug/L. Only a single exceedence for manganese (4,940 ug/L) was significantly greater than the MBC of 331 ug/L, and this result is considered to be anomalous. None of these constituents (aluminum, iron, manganese) are identified as COC.

Cadmium was detected in ten sampling rounds ranging from 1.53 ug/L to 6.23 ug/L, with one detection exceeding the GWQC of 4 ug/L. Lead was detected in three sampling rounds ranging from 4.10 ug/L to 11.0 ug/L, with the detection at 11.0 ug/L exceeding the GWQC of 10 ug/L. Based on the frequency of occurrence and the concentration ranges for these metals, as well as detections in adjacent monitoring well locations, lead and cadmium are not identified as COC.

Monitoring Well MW-02

Twelve (12) rounds of groundwater sampling have been conducted to-date at MW-02 (May 1997 – March 2000). There were eight VOC detected during the 12 sampling rounds. 1,2-DCB was detected during two sampling rounds at 1.22 ug/L and 1.35 ug/L, below the GWQC of 600 ug/L. 1,3-DCB was detected during three sampling rounds ranging from 1.26 ug/L to 1.98 ug/L, below the GWQC of 600 ug/L. 1,4-DCB was detected during seven sampling rounds ranging from 1.96 ug/L to 4.87 ug/L, below the GWQC of 75 ug/L. Acetone was detected during one sampling event at 8.77 ug/L, below the GWQC of 700 ug/L. Carbon disulfide was detected during one sampling event at 1.30 ug/L (there is no GWQC for carbon disulfide). Tert-Butyl alcohol was detected during one sampling event at 35.15 ug/L (there is no GWQC for tert-butyl alcohol). Benzene was detected during nine sampling events ranging from 1.36 ug/L to 6.44 ug/L, with all nine of the detections exceeding the GWQC of 1 ug/L. CB was detected during all 12 of the sampling events ranging from 7.39 ug/L to 69.55 ug/L, with all 12 of the detections exceeding the GWQC of 4 ug/L. Both benzene and CB are considered to be COC.

There were eight SVOC detected during the 12 sampling rounds: 1,3-DCB (1 detection); 1,4-DCB (8 detections); 2-methylnaphthlene (1 detection); 4-methylphenol (1 detection); bis(2-ethylhexyl)phthalate (4 detections); butylbenzylphthalate (1 detection); di-n-butylphthalate (4 detections); and n-nitrosodiphenylamine (1 detection). The SVOC detections were either all below the respective GWQC or no GWQC existed for that parameter. There were no pesticides or PCB detected during the 12 sampling rounds.

A total of 22 metals were detected during the 12 sampling rounds. Of the 22 metals detected, 19 metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, lead, magnesium, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Three metals (iron, manganese, and silver) were detected above their respective GWQC, but none are identified as COC.

Iron was detected in all 12 sampling rounds ranging from 13,200 ug/L to 82,680 ug/L, with all of the detections exceeding the GWQC of 300 ug/L, but none of the detections exceeding the MBC of 431,000 ug/L. Manganese was detected in all 12 sampling rounds ranging from 145.4 ug/L to

474 ug/L, with all of the detections exceeding the GWQC of 50 ug/L and three of the detections exceeding the MBC of 331 ug/L. However, manganese is regarded as a naturally occurring metal within the native soil types at Fort Monmouth and is not considered to be a COC.

Silver was detected only during the first sampling round at 41.0 ug/L, which exceeds the GWQC of 20 ug/L. This detection is most likely attributable to a laboratory error since the laboratory calibration blank reported a result greater than the GWQC for silver. Silver has not been detected again, since the first sampling round.

Monitoring Well MW-03

Twelve (12) rounds of groundwater sampling have been conducted to-date at MW-03 (May 1997 – March 2000). There were three VOC detected, 1,4-DCB, benzene, and CB. 1,4-DCB was detected during four sampling events ranging from 1.30 ug/L to 9.32 ug/L, with none of the detections exceeding the GWQC of 75 ug/L. Benzene was detected during five sampling rounds ranging from 1.31 ug/L to 4.26 ug/L, with all of the detections exceeding the GWQC of 1.0 ug/L. CB was detected during all 12 sampling events ranging from 1.49 ug/L to 107.81 ug/L, with eight of the detections exceeding the GWQC of 4 ug/L. CB and benzene are both considered to be COC.

There were 11 SVOC detected during the 12 sampling rounds: 1,4-DCB (2 detections); 4-nitrophenol (1 detection); acenaphthene (3 detections); anthracene (1 detection); bis(2-ethylhexyl)phthalate (1 detection); butylbenzylphthalate (1 detection); didibenzofuran (2 detections); di-n-butylphthalate (4 detections); fluorene (2 detections); naphthalene (3 detections), and phenanthrene (2 detections). The SVOC detections were either all below the respective GWQC or no GWQC existed for that parameter. Additionally, there has been no detection of SVOC over the last four sampling rounds (i.e., since the 1st Quarter of 1999).

There was one detection for one pesticide (gamma-BHC at 0.020 ug/L) during the 12 sampling rounds and this detection was below the respective GWQC. There were no detections for PCB during the 12 sampling rounds.

A total of 22 metals were detected during the 12 sampling rounds. Of the 22 metals detected, 18 metals (aluminum, antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, magnesium, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC exists for the detected metal. Four metals (iron, lead, manganese, and silver) were detected above their respective GWQC, but none are identified as COC.

Two of the four metals are considered to be naturally occurring within the native soil types at Fort Monmouth. Iron was detected in all 12 sampling rounds ranging from 9,300 ug/L to 69,260 ug/L, with all of the detections exceeding the GWQC of 300 ug/L, but none of the detections exceeding the MBC of 431,000 ug/L. Manganese was detected in all 12 sampling rounds ranging from 395 ug/L to 5,890 ug/L, with all of the detections exceeding the GWQC of 50 ug/L and the MBC of 331 ug/L. The trend represented by the manganese results in MW-03 does not suggest that a contaminant source is present. Furthermore, based on the frequency of

occurrences and the magnitude of the detections at adjacent monitoring well locations, manganese it is not identified as a COC.

Lead was detected in seven sampling rounds ranging from 1.1 ug/L to 13.0 ug/L, with only the detection at 13.0 ug/L exceeding the GWQC of 10 ug/L. Silver was detected only during the first two sampling rounds at 36.0 ug/L and 9,170 ug/L, respectively, which exceeded the GWQC of 20 ug/L. The detection for silver during the first sampling round (36.0 ug/L) is most likely attributable to a laboratory error since the respective laboratory calibration blank reported a result greater than the GWQC for silver. It is also likely that the detection reported during the second sampling round (9,170 ug/L) is attributable to laboratory error since this result is an order of magnitude greater than any other reported result for silver at the M-2 Landfill, and silver has not been detected again at MW-03 since the first two sampling rounds.

Monitoring Well MW-04

During the nine rounds of groundwater sampling conducted to-date at MW-04 (February 1998 – March 2000), there were two VOC detected, benzene and CB. Benzene was detected during one sampling event (October 1999) at 1.23 ug/L, which exceeds the GWQC of 1.0 ug/L. CB was detected during five sampling events, but only one detection (October 1999) at 5.96 ug/L exceeded the GWQC of 4 ug/L. Benzene and CB are considered to be COC.

There were six SVOC detected during the nine sampling rounds: benzo[g,h,l]perylene, butylbenzyphthalate, dibenz[a,h]anthracene, di-n-butylphthalate, indeno[1,2,3-cd]pyrene, and naphthalene. In each case, the six SVOC were only detected once and none of the detections exceeded the respective GWQC. There were no pesticides or PCB detected during the nine sampling rounds.

A total of 19 metals were detected during the nine sampling rounds. Of the 19 metals detected, 16 metals (arsenic, barium, cadmium, calcium, chromium, cobalt, copper, lead, magnesium, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC exists for the detected metal. Three naturally occurring metals (aluminum, iron, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during eight sampling rounds ranging from 20.0 ug/L to 514 ug/L. None of the detections exceeded the MBC for aluminum of 121,000 ug/L, but three of the detections (209 ug/L, 302 ug/L, and 514 ug/L), from sampling rounds conducted in 1998, exceeded the GWQC for aluminum of 200 ug/L. Iron was detected during all nine sampling rounds ranging from 17,800 ug/L to 43,000 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all nine of the detections exceeded the GWQC for iron of 300 ug/L. Manganese was detected during all nine sampling rounds ranging from 180 ug/L to 2,010 ug/L. Six of the detections exceeded the MBC for manganese of 331 ug/L and all nine of the detections exceeded the GWQC of 50 ug/L. The trend represented by the manganese results in MW-04 does not suggest that a contaminant source is present. Furthermore, based on the frequency of occurrences and the magnitude of the detections at the location and in adjacent monitoring wells, manganese is not identified as a COC.

Monitoring Well MW-05

During the seven rounds of groundwater sampling conducted to-date at MW-05 (October 1998 – March 2000), there were two VOC detected, acetone and 2-butanone. Acetone was detected during one sampling event at 5.49 ug/L and 2-butanone was detected during two sampling events at 3.19 ug/L and 9.29 ug/L. None of the detections for acetone and 2-butanone exceeded the respective GWQC.

There were two SVOC detected during the seven sampling rounds: bis(2-ethylhexyl)phthalate and di-n-octylphthalate. Bis(2-Ethylhexyl)phthalate was detected during one sampling event at 40.9 ug/L, which slightly exceeded the GWQC of 30 ug/L. Di-n-octylphthalate was detected during one sampling event at 1.58 ug/L, which was below the GWQC of 100 ug/L. No SVOC constituents are considered to be COC.

There were no pesticides or PCB detected during the seven sampling rounds.

A total of 20 metals were detected during the seven sampling rounds. Of the 20 metals detected, 16 metals (antimony, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, magnesium, manganese, mercury, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Four metals (aluminum, arsenic, iron, and lead) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 370 ug/L to 4,860 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but did not exceed the MBC for aluminum of 121,000 ug/L. Iron was detected during all seven sampling rounds ranging from 15,800 ug/L to 74,400 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all seven of the detections exceeded the GWQC for iron of 300 ug/L. These naturally occurring metals are typically present in native soils at Fort Monmouth and are not identified as COC.

Arsenic was detected in five sampling rounds ranging from 2.80 ug/L to 8.63 ug/L. Only one detection (8.63 ug/L) reported during the November 1998 sampling event exceeded the GWQC for arsenic of 8 ug/L. Since the November 1998 sampling round, the four subsequent reported detections for arsenic have all been below the GWQC. Lead was detected in all seven sampling rounds ranging from 4.09 ug/L to 15.5 ug/L. Only one detection (15.3 ug/L) reported during the November 1998 sampling event exceeded the GWQC for lead of 10 ug/L. Since the November 1998 sampling round, the five subsequent reported detections for lead have all been below the GWQC.

Monitoring Well MW-06

During the seven rounds of groundwater sampling conducted to-date at MW-06 (October 1998 – March 2000), three VOC were detected: 2-butanone, acetone, and CB. 2-Butanone was detected during two sampling events at 4.65 ug/L and 8.86 ug/L. Acetone was detected during one

sampling event at 7.45 ug/L and CB was detected during one sampling event at 1.36 ug/L. None of the detections for 2-butanone, acetone, or CB exceeded the respective GWQC.

There were no SVOC detected during the seven sampling rounds. There were three PCB detected during the seven sampling rounds. Arochlor 1016 was detected during three sampling rounds at 0.611 ug/L, 0.865 ug/L, and 2.260 ug/L, above the GWQC for PCB of 0.50 ug/L. Arochlor 1260 was detected once at 0.581 ug/L, above the GWQC for PCB of 0.50 ug/L. Gamma-BHC was detected during one sampling round at 0.058 ug/L, which was below the GWQC of 0.20 ug/L.

A total of 22 metals were detected during the seven sampling rounds. Of the 22 metals detected, 15 metals (barium, beryllium, cadmium, calcium, cobalt, copper, magnesium, mercury, nickel, potassium, silver, sodium, thallium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Seven metals (aluminum, antimony, arsenic, chromium, iron, lead, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 616 ug/L to 10,300 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but did not exceed the MBC for aluminum of 121,000 ug/L. Iron was detected during all seven sampling rounds ranging from 16,500 ug/L to 50,700 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all seven of the detections exceeded the GWQC for iron of 300 ug/L. Manganese was detected during all seven sampling rounds ranging from 52.4 ug/L to 247 ug/L. None of the detections exceeded the MBC for manganese of 331 ug/L, but all seven of the detections exceeded the GWQC of 50 ug/L. These metals are considered to be naturally occurring within the native soil types present at Fort Monmouth and are not identified as COC.

Antimony was detected in two sampling rounds at 3.76 ug/L and 566 ug/L. The detection at 566 ug/L during the March 2000 sampling event exceeded the GWQC for antimony of 20 ug/L. MW-06 has been sampled during three subsequent sampling events in June, September, and December 2000, and the reported results for antimony have all been non-detect (ND). (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Arsenic was detected in two sampling rounds at 16.5 ug/L (November 1998) and at 5.60 ug/L (March 2000). The November 1998 results exceeded the GWQC for arsenic of 8 ug/L. Since the November 1998 detection, the only other detection for arsenic did not exceed the GWQC. Chromium was detected in all seven sampling rounds ranging from 6.40 ug/L to 16,000 ug/L. Two of the detections for chromium exceeded the GWQC of 100 ug/L, and the highest detected concentration of 16,000 ug/L reported during the March 2000 sampling event was anomalous. The reported results for chromium from the three subsequent sampling events at MW-06 in June, September, and December 2000, have been 10.3 ug/L, 1.59 ug/L and ND, respectively. All were below the GWQC.

Lead was detected in six sampling rounds ranging from 6.26 ug/L to 90.5 ug/L. The detections from the first three sampling rounds, 13.6 ug/L, 22.4 ug/L, and 90.5 ug/L, respectively, exceeded

the GWQC of 10 ug/L. However, the reported results for lead over the four subsequent sampling rounds have all been below the GWQC.

Antimony, arsenic, chromium, and lead are not identified as COC based upon the most recent laboratory data.

Monitoring Well MW-07

During the seven rounds of groundwater sampling conducted to-date at MW-07 (October 1998 – March 2000), there were two VOC detected, acetone and 2-butanone. Acetone was detected during one sampling event at 6.63 ug/L and 2-butanone was detected during three sampling events at 5.45 ug/L, 11.10 ug/L, and 11.29 ug/L. None of the detections for acetone and 2-butanone exceeded the respective GWQC.

There were no SVOC, pesticides, or PCB detected during the seven sampling rounds.

A total of 21 metals were detected during the seven sampling rounds. Of the 21 metals detected, 17 metals (antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, magnesium, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Four metals (aluminum, iron, lead, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 248 ug/L to 3,870 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but none exceeded the MBC for aluminum of 121,000 ug/L. Iron was detected during all seven sampling rounds ranging from 14,800 ug/L to 118,000 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all seven of the detections exceeded the GWQC for iron of 300 ug/L. Manganese was detected during all seven sampling rounds ranging from 70.1 ug/L to 156 ug/L. None of the detections exceeded the MBC for manganese of 331 ug/L, but all seven of the detections exceeded the GWQC for manganese of 50 ug/L.

Lead was detected in five of the sampling rounds ranging from 3.41 ug/L to 16.4 ug/L. The detections from the first two sampling rounds, 13.0 ug/L in October 1998 and 16.4 ug/L in November 1998 exceeded the GWQC for lead of 10 ug/L. Since the first two sampling rounds, the reported results for lead over the five subsequent sampling rounds have either been ND (2 rounds) or the detections were below the GWQC (3 rounds).

Monitoring Well MW-08

During the seven rounds of groundwater sampling conducted to-date at MW-08 (October 1998 – March 2000), three VOC were detected: 2-butanone, acetone and benzene. 2-Butanone was detected during two sampling events at 28.18 ug/L and 86.82 ug/L. Acetone was detected during two sampling events at 11.27 ug/L and 17.89 ug/L. None of the detections for acetone and 2-butanone exceeded the respective GWQC of 300 ug/L and 700 ug/L. Benzene was detected during five sampling events ranging from 2.66 ug/L to 7.46 ug/L. All five detections exceeded the GWQC for benzene of 1 ug/L. Benzene is considered to be a COC.

There were no SVOC, pesticides, or PCB detected during the seven sampling rounds.

A total of 20 metals were detected during the seven sampling rounds. Of the 20 metals detected, 15 metals (antimony, arsenic, barium, beryllium, calcium, chromium, cobalt, copper, magnesium, mercury, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Five metals (aluminum, cadmium, iron, lead, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 616 ug/L to 8,250 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but did not exceed the MBC for aluminum of 121,000 ug/L. Iron was detected during all seven sampling rounds ranging from 18,400 ug/L to 142,000 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all seven of the detections exceeded the GWQC for iron of 300 ug/L. Manganese was detected during all seven sampling rounds ranging from 55.1 ug/L to 74.6 ug/L. None of the detections exceeded the MBC for manganese of 331 ug/L, but all seven of the detections exceeded the GWQC of 50 ug/L. Aluminum, iron, and manganese are not identified as COC.

Cadmium was detected in four sampling rounds ranging from 0.925 ug/L to 4.14 ug/L, with the maximum detection slightly exceeding the GWQC of 4 ug/L. Lead was detected in all seven sampling rounds ranging from 3.37 ug/L to 45.0 ug/L. Four of the detections for lead exceeded the GWQC of 10 ug/L, but only the detection from the November 1998 sampling round (45.0 ug/L) was significantly greater than the remaining data for this well. The lead results reported from the last two sampling rounds (October 1999 and March 2000) have both been below the GWQC. Cadmium and lead are not identified as COC.

Monitoring Well MW-09

During the seven rounds of groundwater sampling conducted to-date at MW-09 (October 1998 – March 2000), there were four VOC detected, 2-butanone, acetone, benzene, and CB. 2-Butanone was detected during two sampling events at 3.19 ug/L and 5.47 ug/L. Acetone was detected during two sampling event at 6.22 ug/L and 6.30 ug/L. CB was detected during one sampling event at 1.99 ug/L. None of the detections for 2-butanone, acetone, or CB exceeded the respective GWQC of 300 ug/L, 700 ug/L and 4 ug/L. Benzene was detected during all seven sampling rounds ranging from 2.21 ug/L to 538.24 ug/L. All five of the detections for benzene exceeded the GWQC of 1 ug/L. In addition, the detections for benzene have steadily decreased from the maximum detection at 538.24 ug/L (October 1998) to 2.21 ug/L (March 2000). Benzene is identified as a COC.

There was one SVOC detected during the seven sampling rounds. Phenol was detected during one sampling round at 4.47 ug/L, below the GWQC for phenol of 4000 ug/L.

There were two pesticides detected during the seven sampling rounds. 4,4'-DDD was detected during two sampling rounds at 0.007 ug/L and 0.046 ug/L, which were below the GWQC of 0.10

ug/L. 4,4'-DDE was detected during one sampling round at 0.033 ug/L which was below the GWQC of 0.10 ug/L. There were two PCB detected during the seven sampling rounds. Arochlor 1016 was detected during three sampling rounds at 0.244 ug/L, 0.260 ug/L, and 0.700 ug/L, with the highest detection exceeding the GWQC for PCB of 0.50 ug/L. Arochlor 1254 was detected during four sampling events ranging from 1.187 ug/L to at 3.850 ug/L. All four of the detections exceeded the GWQC for PCB of 0.50 ug/L. Due to the relative insolubility and immobility of PCB in the groundwater and the low occurrence at the site, the PCB are not identified as COC. Furthermore, a low flow sampling approach was employed by the DPW to further discount the detection of PCB (and metals) at the site, which is discussed in the subsequent paragraphs.

A total of 22 metals were detected during the seven sampling rounds. Of the 22 metals detected, 15 metals (antimony, barium, beryllium, calcium, cobalt, copper, magnesium, mercury, nickel, potassium, selenium, silver, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Seven metals (aluminum, arsenic, cadmium, chromium, iron, lead, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 616 ug/L to 8,250 ug/L. All of the detections exceeded the GWQC for aluminum of 200 ug/L, but did not exceed the MBC of 121,000 ug/L. Iron was detected in all seven sampling rounds ranging from 10,400 ug/L to 99,300 ug/L, with all of the detections exceeding the GWQC of 300 ug/L, but none of the detections exceeding the MBC of 431,000 ug/L. Manganese was detected in all seven sampling rounds ranging from 1,200 ug/L to 4,260 ug/L, with all of the detections exceeding the GWQC of 50 ug/L and the MBC of 331 ug/L. Because the aluminum, manganese, and iron are considered to be natural constituents of the native soils at Fort Monmouth, and based on the trends at this location and adjacent monitoring wells, these constituents are not identified as a COC.

Arsenic was detected in five sampling rounds ranging from 3.90 ug/L to 22.1 ug/L, with two of the detections exceeding the GWQC of 8 ug/L. Cadmium was detected in six sampling rounds ranging from 0.987 ug/L to 15.2 ug/L, with three of the detections exceeding the GWQC of 4 ug/L. Chromium was detected in all seven sampling rounds ranging from 7.97 ug/L to 309 ug/L, with two of the detections exceeding the GWQC of 100 ug/L. Lead was detected in all seven sampling rounds ranging from 7.00 ug/L to 95.9 ug/L, with six of the detections exceeding the GWQC of 10 ug/L. Based on the relatively minor nature of the exceedances at this location, the frequency of detections at the site, and the data trends for this well and adjacent wells, the arsenic, cadmium, chromium and lead are not identified as COC.

During evaluation of the Quarterly Groundwater Monitoring Program results, the DPW attempted to determine if the detected PCB and specific metal concentrations observed primarily in the groundwater samples from MW-06 and MW-09 were a function of contaminated sediments entrained in the monitoring well during the course of well purging and sampling activities, or an accurate representation of aquifer/groundwater conditions. The DPW proposed to the NJDEP to sample these wells using a low flow sampling technique. Monitoring wells

MW-6 and MW-9 were sampled twice (January 5 and January 27, 2000) using low flow techniques. The results of the low flow sampling for lead and PCB were ND, showing that the reported lead and PCB concentrations were most likely attributable to sediment entrained in the samples during the sampling event and not representative of actual groundwater conditions.

As shown below, similar results were observed for many of the remaining metals, particularly the metals regarded as uncharacteristic of the site soils (arsenic, antimony, beryllium, cadmium, chromium, cobalt, lead, mercury, selenium, silver, thallium, vanadium). Significant decreases in the concentrations of metals were also observed for many of the more commonly occurring soil constituents, such as: aluminum, barium, calcium, copper, iron, magnesium, manganese, nickel, potassium, sodium, and zinc. However, these more common constituents were consistently observed even when the low-flow sampling methodology was performed.

Fort Monmouth Main Post – Comparison of Quarterly Groundwater Sampling and Low Flow Sampling at MW-09

Metals (Total)	Range of Quarterly Groundwater Sampling Results MW-09 (ug/L)	Result of Low Flow Sampling Performed 6 January 2000 (ug/L)	NJDEP Groundwater Quality Criteria (ug/L)
Aluminum	**455 – 32,300**	**385**	200
Antimony	ND – 4.08	ND	20
Arsenic	ND – **22.1**	ND	8
Barium	77.5 – 279	56.9	2,000
Beryllium	ND – 4.47	ND	20
Cadmium	ND – **15.2**	ND	4
Calcium	46,000 – 99,300	47,800	NLE
Chromium	7.97 - **309**	5.80	100
Cobalt	ND – 16.8	ND	NLE
Copper	ND - 193	99.0	1,000
Iron	**10,400 – 99,300**	**6,780**	300
Lead	7.0 – **95.9**	ND	10
Magnesium	5,260 - 14,100	4,250	NLE
Manganese	**1,200 – 4,260**	**1,070**	50
Mercury	ND – **3.46**	ND	2
Nickel	1.10 – 46.8	2.50	100
Potassium	6,860 – 31,600	5,680	NLE
Selenium	ND – 6.57	ND	50
Silver	ND – 4.9	ND	20
Sodium	4,560 – 10,500	7,360	50,000
Thallium*	ND	ND	10
Vanadium	3.29 - 145	2.0	NLE
Zinc	105 – 2,300	27.0	5,000

ND – Not Detected.
NLE – No Limit Established.
* Thallium has not been detected in any sampling rounds to-date at MW-09.

Monitoring Well MW-10

During the seven rounds of groundwater sampling conducted to-date at MW-07 (October 1998 – March 2000), there were two VOC detected: 2-butanone and acetone. 2-butanone was detected during three sampling events at 2.85 ug/L, 9.93 ug/L, and 12.64 ug/L. Acetone was detected during two sampling events at 5.21 ug/L and 9.04 ug/L. None of the detections for 2-butanone and acetone exceeded the respective GWQC of 300 ug/L and 700 ug/L.

There were no SVOC, pesticides, or PCB detected during the seven sampling rounds.

A total of 20 metals were detected during the seven sampling rounds. Of the 20 metals detected, 17 metals (antimony, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, lead, magnesium, mercury, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Three metals (aluminum, iron, and manganese) were detected above their respective GWQC, but none are identified as COC.

Aluminum was detected during all seven sampling rounds ranging from 98.4 ug/L to 5,610 ug/L. Six of the seven detections exceeded the GWQC for aluminum of 200 ug/L. None of the detections for aluminum exceeded the MBC of 121,000 ug/L. Iron was detected during all seven sampling rounds ranging from 4,280 ug/L to 65,600 ug/L. None of the detections exceeded the MBC for iron of 431,000 ug/L, but all seven of the detections exceeded the GWQC for iron of 300 ug/L. Manganese was detected during all seven sampling rounds ranging from 22.5 ug/L to 104 ug/L. None of the detections exceeded the MBC for manganese of 331 ug/L, but all four of the detections exceeded the GWQC for manganese of 50 ug/L. Aluminum, iron, and manganese are not identified as COC.

Monitoring Well MW-11

During the first two rounds of groundwater sampling conducted at MW-11 (May and June 2000), benzene was the only VOC detected. It was detected only during the May sampling event at 98.01 ug/L, which exceeded the GWQC of 1.0 ug/L. MW-11 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for benzene were 78.23 ug/L and 82.83 ug/L, respectively. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

MW-11 was screened from 30 –50 ft bgs and was installed at a depth below the fill material. Based on groundwater elevation data collected from Well MW-11 and from its shallower, downgradient sister well (Well MW-09) as shown in the Table below, an upward hydraulic gradient, ranging from 0.038 to 0.118, was observed in the MW-11 area.

Vertical Hydraulic Gradients in the MW-11 Area

Well No.	Screen Interval (ft bgs)	Top of Casing elevation (ft above MSL)	Date	Depth to Water (ft bgs)	Groundwater Elevation (ft above MSL	Vertical Hydraulic Gradient (ft/ft)

MW-9	5-15	14.09	9/28/00 12/29/00	10.11 10.80	3.98 3.29	0.038 "up" 0.118 "up"
MW-11	30 - 50	13.83	9/28/00 12/29/00	8.71 7.00	5.12 6.83	0.038 "up" 0.118 "up"

MSL – Mean Sea Level

This upward gradient, typical of an area bordering a stream, should prevent benzene detected in MW-11 from migrating deeper into the aquifer. In fact, it will facilitate the flushing of contaminants from MW-11 upward into the shallow portions of the aquifer where the proposed remedial action will effectively eliminate the benzene.

There were no SVOC, pesticides, or PCB detected during the two sampling events.

A total of 16 metals were detected during the two sampling rounds. Of the 16 metals detected, 14 metals (aluminum, antimony, barium, calcium, chromium, copper, magnesium, manganese, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (iron and lead) were detected above their respective GWQC, but neither is identified as a COC.

Iron was detected in both sampling events (397 ug/L and 306 ug/L) above the GWQC of 300 ug/L but below the MBC of 431,000 ug/L. Iron is a naturally occurring constituent of the soil types at Fort Monmouth and is not identified as a COC.

Lead was detected in the June sampling event at 84.5 ug/L, which was above the GWQC of 10 ug/L. However, MW-11 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were ND. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Monitoring Well MW-12

During the two rounds of groundwater sampling conducted to-date at MW-12 (May and June 2000), there were no VOC detected. Bis(2-Ethylhexyl)phthalate was the only SVOC detected. Bis(2-Ethylhexyl)phthalate was detected during both sampling events at 1.81 ug/L and 3.04 ug/L, respectively, below the GWQC of 30 ug/L. There were no pesticides or PCB detected during the two sampling events.

A total of 15 metals were detected during the two sampling rounds. Of the 15 metals detected, 14 metals (aluminum, antimony, barium, calcium, chromium, copper, lead, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. One metal (iron) was detected above its respective GWQC, but is not identified as a COC.

Iron was detected at 792 ug/L and 1,410 ug/L, which exceeded the GWQC for iron of 300 ug/L. However, these concentrations are both below the MBC for iron of 431,000 ug/L. Iron is not identified as a COC.

Monitoring Well MW-13

During the two rounds of groundwater sampling conducted to-date at MW-13 (May and June 2000), there were no VOC detected. Bis(2-Ethylhexyl)phthalate was the only SVOC detected. Bis(2-Ethylhexyl)phthalate was detected during one sampling event at 4.86 ug/L which was below the GWQC of 30 ug/L. There were no pesticides or PCB detected during the two sampling events.

A total of 15 metals were detected during the two sampling rounds. Of the 15 metals detected, 13 metals (aluminum, barium, calcium, chromium, cobalt, copper, lead, magnesium, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (iron and manganese) were detected above their respective GWQC during both sampling rounds, but neither is identified as a COC.

Iron was detected at 13,200 ug/L and 11,400 ug/L, which exceeded the GWQC for iron of 300 ug/L. Manganese was detected at 101 ug/L and 90.4 ug/L, which exceeded the GWQC for manganese of 50 ug/L. However, these detections were all below the respective MBC, which for iron is 431,000 ug/L and for manganese is 331 ug/L.

Monitoring Well MW-14

During the two rounds of groundwater sampling conducted to-date at MW-14 (May and June 2000), there were no VOC detected. Three SVOC were detected: 2-methylnaphthalene, acenaphthene, and naphthalene. 2-Methylnaphthalene was detected during one sampling event at 1.36 ug/L (there is no GWQC for 2-methylnaphthalene). Acenaphthene was detected during one sampling event at 1.19 ug/L, which is below the GWQC 400 ug/L. Naphthalene was detected during both sampling events at 1.59 ug/L and 3.46 ug/L, respectively (there is no GWQC for naphthalene). There were no pesticides or PCB detected during the two sampling events.

A total of 13 metals were detected during the two sampling rounds. Of the 13 metals detected, 10 metals (barium, calcium, chromium, magnesium, mercury, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Three metals (aluminum, iron and manganese) were detected above their respective GWQC during both sampling rounds, but are not identified as COC.

Aluminum was detected in one sampling event at 206 ug/L, which exceeded the GWQC of 200 ug/L. Iron was detected in both sampling events at 36,000 ug/L and 138,900 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. Manganese was detected in both sampling events at 284 ug/L and 329 ug/L, which exceeded the GWQC for manganese of 50 ug/L. However, these detections are all below the respective MBC, which for aluminum is 121,000 ug/L, for iron is 431,000 ug/L, and for manganese is 331 ug/L.

Monitoring Well MW-15

During the two rounds of groundwater sampling conducted to-date at MW-15 (May and June 2000), toluene was the only VOC detected. Toluene was detected during both sampling rounds at 1.47 ug/L and 2.14 ug/L, respectively, which did not exceed the respective GWQC of 1000 ug/L. Eleven SVOC were detected during both sampling rounds: 2-methylnaphthalene, 4-methylphenol, acenaphthene, anthracene, benzoic acid, dibenzofuran, fluoranthene, fluorene, naphthalene, phenanthrene, and phenol. The detected values for the SVOC were all either below the respective GWQC or no GWQC existed. There were no pesticides or PCB detected during the two sampling events.

A total of 17 metals were detected during the two sampling rounds. Of the 17 metals detected, 13 metals (arsenic, barium, cadmium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Four metals (aluminum, iron, lead, and manganese) were detected above their respective GWQC. No metal constituents are identified as COC.

Aluminum was detected in both sampling events at 184 ug/L and 217 ug/L, respectively, with the June result exceeding the GWQC of 200 ug/L. However, neither reported result exceeded the MBC for aluminum of 121,000 ug/L. Iron was detected in both sampling events at 4,390 ug/L and 4,950 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L, but did not exceed the MBC of 431,000 ug/L. Manganese was detected in both sampling events at 85.2 ug/L and 79.1 ug/L, which exceeded the GWQC for manganese of 50 ug/L, but not the MBC of 331 ug/L. These constituents are considered to be naturally occurring in the soil types at Fort Monmouth and are not identified as COC.

Lead was detected in both sampling events at 14.0 ug/L and 41.5 ug/L, respectively, which exceeded the GWQC for lead of 10 ug/L. However, MW-15 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were ND and 6.57 ug/L, respectively, which were both below the GWQC. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Monitoring Well MW-16

During the two rounds of groundwater sampling conducted to-date at MW-16 (May and June 2000), there were no VOC detected. Bis(2-Ethylhexyl)phthalate was the only SVOC detected. Bis(2-Ethylhexyl)phthalate was detected during one sampling event at 1.74 ug/L which was below the GWQC of 30 ug/L. There were no pesticides or PCB detected during the two sampling events.

A total of 14 metals were detected during the two sampling rounds. Of the 14 metals detected, 12 metals (aluminum, barium, cadmium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, sodium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (iron and manganese) were detected above their respective GWQC during both sampling rounds, but neither is identified as a COC.

Iron was detected in both sampling events at 7,660 ug/L and 13,700 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. Manganese was detected in both sampling events at 280 ug/L and 247 ug/L, which exceeded the GWQC for manganese of 50 ug/L. However, these detections are all below the respective MBC, which for iron is 431,000 ug/L and for manganese is 331 ug/L.

Monitoring Well MW-17

During the two rounds of groundwater sampling conducted to-date at MW-17 (May and June 2000), there were no VOC, SVOC, pesticides, or PCB detected.

A total of 14 metals were detected during the two sampling rounds. Of the 14 metals detected, 12 metals (barium, calcium, chromium, cobalt, copper, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (aluminum and iron) were detected above their respective GWQC during both sampling rounds, but neither is identified as a COC.

Aluminum was detected in both sampling events at 613 ug/L and 515 ug/L, respectively, which exceeded the GWQC for aluminum of 200 ug/L. Iron was detected in both sampling events at 767 ug/L and 325 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. However, these detections are all below the respective MBC, which for aluminum is 121,000 ug/L and for iron is 431,000 ug/L. Aluminum and iron are not identified as COC.

Monitoring Well MW-18

During the two rounds of groundwater sampling conducted to-date at MW-18 (May and June 2000), there were no VOC, SVOC, pesticides, or PCB detected.

A total of 12 metals were detected during the two sampling rounds. Of the 12 metals detected, ten metals (aluminum, barium, calcium, chromium, magnesium, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (iron and manganese) were detected above their respective GWQC during both sampling rounds, but neither is identified as a COC.

Iron was detected in both sampling events at 13,300 ug/L and 11,000 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. Manganese was detected in both sampling events at 140 ug/L and 137 ug/L, respectively, which exceeded the GWQC for manganese of 50 ug/L. However, these detections are all below the respective MBC, which for iron is 431,000 ug/L and for manganese is 331 ug/L. Iron and manganese are not identified as COC.

Monitoring Well MW-19

During the two rounds of groundwater sampling conducted to-date at MW-19 (May and June 2000), there were no VOC, SVOC, pesticides, or PCB detected.

A total of 16 metals were detected during the two sampling rounds. Of the 16 metals detected, 13 metals (antimony, barium, calcium, chromium, copper, magnesium, mercury, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their

respective GWQC or no GWQC existed for the detected metal. Three metals (aluminum, iron, and manganese) were detected above their respective GWQC, but none is identified as a COC.

Aluminum was detected in one sampling event at 555 ug/L, which exceeded the GWQC of 200 ug/L. Iron was detected in both sampling events at 1,860 ug/L and 830 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. Manganese was detected in both sampling events at 74.4 ug/L and 66.7 ug/L, exceeding the GWQC for manganese of 50 ug/L. However, these detections are all below the respective MBC, which for aluminum is 121,000 ug/L, for iron is 431,000 ug/L, and for manganese is 331 ug/L. Aluminum, iron and manganese are not identified as COC.

Monitoring Well MW-20

During the two rounds of groundwater sampling conducted to-date at MW-20 (May and June 2000), there were no VOC, SVOC, pesticides, or PCB detected.

A total of 14 metals were detected during the two sampling rounds. Of the 14 metals detected, 12 metals (antimony, barium, calcium, chromium, copper, magnesium, manganese, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (aluminum and iron) were detected above their respective GWQC, but neither is identified as a COC.

Aluminum was detected in both sampling events and during May at 444 ug/L, which exceeded the GWQC for aluminum of 200 ug/L. Iron was detected in both sampling events at 2,040 ug/L and 437 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. However, these detections are all below the respective MBC, which for aluminum is 121,000 ug/L and for iron is 431,000 ug/L. Aluminum and iron are not identified as COC.

Monitoring Well MW-21

During the two rounds of groundwater sampling conducted to-date at MW-21 (May and June 2000), there were five VOC detected during both sampling rounds: 1,2-DCB, 1,3-DCB, 1,4-DCB, benzene, and CB. Only benzene and CB were detected above the respective GWQC. Benzene was detected at 2.60 ug/L and 3.46 ug/L, respectively, which exceeded the GWQC of 1.0 ug/L. CB was detected at 43.73 ug/L and 49.92 ug/L, respectively, which exceeded the GWQC of 4.0 ug/L. Both benzene and CB are identified as COC.

Four SVOC were detected during both sampling rounds: 1,3-DCB, 1,4-DCB, 2-methylnaphthalene, and Bis(2-Ethylhexyl)phthalate. None of the four SVOC was detected above their respective GWQC. There were no pesticides or PCB detected during the two sampling events.

A total of 16 metals were detected during the two sampling rounds. Of the 16 metals detected, 13 metals (aluminum, barium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Three metals (iron, lead, and manganese) were detected above their respective GWQC, but none is identified as a COC.

Iron was detected in both sampling events at 57,700 ug/L and 63,600 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L, but not the MBC of 431,000 ug/L. Manganese was detected in both sampling events at 680 ug/L and 643 ug/L, which exceeded the GWQC for manganese of 50 ug/L and the MBC of 331 ug/L. However, based upon the frequency of occurrence and the magnitude of the detections at this monitoring well and adjacent locations, iron and manganese are not identified as a COC.

Lead was detected in both sampling events at 12.9 ug/L and 10.1 ug/L, which exceeded the GWQC for lead of 10 ug/L. MW-21 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were 2.28 ug/L and 10.7 ug/L, respectively. While detected slightly above the GWQC, the reported results for lead are consistent and very close to the GWQC. Lead is not identified as a COC. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Monitoring Well MW-22

During the two rounds of groundwater sampling conducted to-date at MW-22 (May and June 2000), tert-butyl alcohol was the only VOC detected. Tert-butyl alcohol was detected during both sampling events at 373.98 ug/L and 462.08 ug/L. There is no established GWQC for tert-butyl alcohol. There were no SVOC, pesticides, or PCB detected during the two sampling events.

A total of 13 metals were detected during the two sampling rounds. Of the 13 metals detected, 11 metals (aluminum, barium, calcium, chromium, copper, magnesium, nickel, potassium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Two metals (iron and manganese) were detected above their respective GWQC, but neither is identified as a COC.

Iron was detected in both sampling events at 36,100 ug/L and 33,500 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L. However, the detections for iron were both below the respective MBC of 431,000 ug/L. Manganese was detected in both sampling events at 267 ug/L and 295 ug/L, which exceeded the GWQC for of 50 ug/L. However, the detections for manganese were also below the respective MBC of 331 ug/L. Iron and manganese are not identified as COC.

Monitoring Well MW-23

During the two rounds of groundwater sampling conducted to-date at MW-23 (May and June 2000), there were three VOC detected during both sampling rounds: 1,4-DCB, benzene, and CB. Only benzene and CB were detected above the respective GWQC. Benzene was detected at 5.92 ug/L and 5.17 ug/L, respectively, which exceeded the GWQC of 1.0 ug/L. CB was detected at 44.43 ug/L and 37.26 ug/L, respectively, which exceeded the GWQC of 4.0 ug/L. Both benzene and CB are identified as COC.

Four SVOC were detected during both sampling rounds: 1,4-DCB, 2-methylnaphthalene, bis(2-ethylhexyl)phthalate, and n-nitrosodiphenylamine. None of the four SVOC were detected above

their respective GWQC. There were no pesticides or PCB detected during the two sampling events.

A total of 16 metals were detected during the two sampling rounds. Of the 16 metals detected, 13 metals (aluminum, barium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Three metals (iron, lead, and manganese) were detected above their respective GWQC, but none is identified as COC.

Iron was detected in both sampling events at 76,900 ug/L and 61,100 ug/L, respectively, which exceeded the GWQC for iron of 300 ug/L, but not the MBC of 431,000 ug/L. Manganese was detected in both sampling events at 361 ug/L and 292 ug/L, which exceeded the GWQC for manganese of 50 ug/L and in the first sampling event, the MBC of 331 ug/L. However, given the frequency of occurrence and the magnitude of the detections at this location and in adjacent wells, iron and manganese are not identified as a COC.

Lead was detected in one sampling event at 39.3 ug/L, which exceeded the GWQC for lead of 10 ug/L. However, MW-23 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were both ND. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Monitoring Well MW-24

During the two rounds of groundwater sampling conducted to-date at MW-24 (May and June 2000), there were three VOC detected during both sampling rounds: 1,4-DCB, benzene, and CB. Only benzene and CB were detected above the respective GWQC. Benzene was detected at 1.37 ug/L and 1.75 ug/L, respectively, which exceeded the GWQC of 1.0 ug/L. CB was detected at 5.21 ug/L and 5.67 ug/L, respectively, which exceeded the GWQC of 4.0 ug/L. Both benzene and CB are identified as COC.

Four SVOC were detected during both sampling rounds: 1,4-DCB, 2-methylnaphthalene, bis(2-ethylhexyl)phthalate. In addition, acenaphthene, fluorene, and n-nitrosodiphenylamine were each detected during one sampling round. None of the seven total SVOC was detected above their respective GWQC. There were no pesticides or PCB detected during the two sampling events.

A total of 17 metals were detected during the two sampling rounds. Of the 17 metals detected, 13 metals (barium, cadmium, calcium, chromium, cobalt, copper, magnesium, nickel, potassium, selenium, sodium, vanadium, and zinc) were measured at concentrations below their respective GWQC or no GWQC existed for the detected metal. Four metals (aluminum, iron, lead, and manganese) were detected above their respective GWQC, but none is identified as a COC.

Aluminum was detected during both sampling events and during May at 264 ug/L, which exceeded the GWQC of 200 ug/L, but not the MBC of 121,000 ug/L. Iron was detected in both sampling events at 60,300 ug/L and 56,100 ug/L, respectively, which exceed the GWQC for iron of 300 ug/L, but not the MBC of 431,000 ug/L. Manganese was detected in both sampling

events at 748 ug/L and 682 ug/L, which exceeded the GWQC for manganese of 50 ug/L and the MBC of 331 ug/L. However, given the frequency of occurrence and the magnitude of the detections at this location and in adjacent wells, aluminum, iron and manganese are not identified as a COC.

Lead was detected in one sampling event at 49.5 ug/L, which exceeded the GWQC of 10 ug/L. However, MW-24 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were ND and 6.15 ug/L, respectively. (These analytical results will be submitted to the NJDEP under separate cover at a later date.)

Summary of Groundwater Investigation

Historically, separate phase hydrocarbons were not reported in any of the groundwater monitoring wells at the M-2 Landfill. In summarizing the Quarterly Monitoring Program, VOC were detected in 16 of the monitoring wells. Benzene and CB were the only VOC with detected concentrations that exceeded the respective GWQC. These findings appear to be consistent for the shallow fill material (i.e., depths ranging from 7 feet to 20 feet bgs) with the findings presented in Subsection 3.2.2. However, in the four deeper wells (MW-11, MW-12, MW-19, and MW-20), only benzene has been detected, and only once at a concentration that exceeded the GWQC (MW-11). However, due to the upward hydraulic gradient in the MW-11 area, no deeper migration of the benzene is expected.

Benzene and CB are considered to be COC. **Figure 9** shows the analytical results for benzene and CB for each sampling round. In addition, benzene and CB detections above the respective GWQC have been "highlighted" on **Figure 9**.

SVOC were detected in eleven of the monitoring wells, but only one detection for bis(2-ethylhexyl)phthalate at MW05 (out of 7 sampling rounds) exceeded the respective GWQC. SVOC are not identified as COC.

Pesticides were detected in four monitoring wells (MW-01, MW-03, MW-06, and MW-09). The detections were infrequent and none of the detections exceeded the respective GWQC. Pesticides, either individually or collectively, are not identified as COC.

PCB were detected in two monitoring wells (MW-06 and MW-09) at concentrations that exceeded the respective GWQC. The findings of the PCB Investigation presented in Subsection 3.2.1 noted the detection of PCB in a number of groundwater samples collected from GeoProbe® borings and, in particular, borings located in the vicinity of MW-23 (which is also in the vicinity of MW-09). The high turbidity and sediment content of the groundwater samples collected from GeoProbe® borings were shown to be the primary factor affecting the detection of PCB.

During evaluation of the Quarterly Groundwater Monitoring Program results, the DPW decided to determine whether the PCB detected in the groundwater samples from MW-6 and MW-9 were actually in the groundwater or adhering to entrained sediment that may have been collected with the water sample. Therefore, the DPW proposed to the NJDEP to sample these wells using a low

flow sampling technique. This technique essentially purges the well at a low purge rate to ensure laminar flow, minimal disturbance of the water column, and minimal contact with the atmosphere. The well is purged until indicator parameters such as conductance, pH, and dissolved oxygen content are stable. The collected sample is, therefore, believed to be more closely representative of actual aquifer conditions. A copy of the low flow-sampling plan and analytical results are provided in **Appendix C**.

Monitoring wells MW-6 and MW-9 were sampled twice, on January 5 and on January 27, 2000, using low flow techniques. The samples were analyzed for PCB and metals. The analytical results from the low flow sampling reported no PCB detections. Furthermore, PCB have not been detected at MW-11 or MW-23. MW-23 is screened at 5 – 20 ft bgs, which is at a similar depth as the groundwater samples collected from the boring locations. Well MW-11 is screened deeper within the fill material at 30 – 50 ft bgs. Based on these findings, in addition to the low solubility and immobility of these compounds, PCB are not identified as COC.

A total of nine metals have been detected above their respective GWQC during performance of the Quarterly Groundwater Monitoring Program at the M-2 Landfill: aluminum, antimony, arsenic, cadmium, chromium, iron, lead, manganese, and silver. Aluminum has been detected in 14 wells above the GWQC of 200 ug/L (MW-01, 04, 05, 06, 07, 08, 09, 10, 14, 15, 17, 19, 20,and 24). Although aluminum concentrations exceeded the GWQC, the reported concentrations did not exceed the MBC for aluminum of 121,000 ug/L. Similarly, iron has been detected in all 24 wells above the GWQC of 300 ug/L; however, no detections exceeded the MBC for iron of 431,000 ug/L. In addition, manganese was detected in 19 wells above the GWQC of 50 ug/L (MW-01, 02, 03, 04, 06, 07, 08, 09, 10, 13, 14, 15, 16, 18, 19, 21, 22, 23, and 24), with some of the detections exceeding the MBC of 331 ug/L. As previously discussed, aluminum, manganese, and iron are considered to be natural constituents of the native soils at Fort Monmouth, and based on the information presented, aluminum, iron, and manganese are not identified as COC.

Antimony was detected above the GWQC of 20 ug/L only at MW-06 at 566 ug/L during one sampling event (March 1999). There was only one previously reported detection for antimony at MW-06, which was 3.76 ug/L observed during the November 1998 sampling event. The reported results for antimony for the other five sampling rounds were ND. The analytical results of the low flow sampling performed at MW-06 (summarized below) reported antimony at 5 ug/L, i.e., below the GWQC. Antimony is not identified as a COC.

Arsenic was detected above the GWQC of 8 ug/L at MW-05 during one sampling round - 8.86 ug/L (November 1998), at MW-06 during one sampling round - 16.5 ug/L (November 1998), and at MW-09 during two sampling rounds -13.3 ug/L (November 1998) and 22.1 ug/L (June 1999). The detection at MW-05 marginally exceeded the GWQC and the reported results for arsenic for the subsequent five sampling rounds have not exceeded the GWQC. The detection in November 1998 that exceeded the GWQC at MW-06 has been followed by five sampling rounds having only one reported detection for arsenic at 5.6 ug/L, i.e., below the GWQC. At MW-06, the three sampling rounds since the June 1999 detection have reported arsenic at 3.9 ug/L, 5.86 ug/L, and ND, all of which were below the GWQC. In addition, the analytical results of the low

flow sampling performed at MW-06 (summarized below) reported arsenic at ND. Arsenic is not identified as a COC.

Cadmium was detected in three monitoring wells (MW-01, 08, and 09) above the GWQC of 4.0 ug/L. At MW-01, one detection at 6.23 ug/L during one sampling round (November 1998) exceeded the GWQC. The five subsequent sampling rounds have not exceeded the GWQC. Similarly at MW-08, one detection at 4.14 ug/L during one sampling round (June 1999) slightly exceeded the GWQC. The three subsequent sampling rounds at MW-08 have not exceeded the GWQC. At MW-09, cadmium was detected in exceedence of the GWQC during three sampling rounds ranging from 4.49 - 15.2 ug/L. However, the analytical results of the low flow sampling performed at MW-09 reported cadmium at ND. Cadmium is not identified as a COC.

Fort Monmouth Main Post – Comparison of Quarterly Groundwater Sampling and Low Flow Sampling at MW-06

Metals (Total)	Range of Quarterly Groundwater Sampling Results MW-06 (ug/L)	Result of Low Flow Sampling Performed 6 January 2000 (ug/L)	NJDEP Groundwater Quality Criteria (ug/L)
Aluminum	**616 – 10,300**	ND	200
Antimony	ND – **566**	5.0	20
Arsenic	ND – **16.5**	ND	8
Barium	90.3 - 189	65.5	2,000
Beryllium	ND – 1.52	ND	20
Cadmium	ND – 3.28	ND	4
Calcium	39,300 – 54,000	43,900	NLE
Chromium	6.4 – **16,000**	1.2	100
Cobalt	0.579 – 29.3	ND	NLE
Copper	ND – 55.1	60.0	1,000
Iron	**16,500 – 50,700**	**11,600**	300
Lead	ND – **90.5**	ND	10
Magnesium	4,710 - 14,100	5,300	NLE
Manganese	**52.4 – 247**	**53.9**	50
Mercury	ND – 0.47	0.17	2
Nickel	ND – 18.9	2.00	100
Potassium	5,490 – 15,100	6,160	NLE
Selenium*	ND	ND	50
Silver	ND – 3.83	10.0	20
Sodium	4,540 – 8,620	8,180	50,000
Thallium	ND – 6.7	ND	10
Vanadium	3.53 – 46.6	ND	NLE
Zinc	11.3 – 392	13.0	5,000

ND – Not Detected.

NLE – No Limit Established.
* Selenium has not been detected in any sampling rounds to-date at MW-06.

Chromium was detected in two monitoring wells above the GWQC of 100 ug/L, MW-06 and MW-09. There were two sampling rounds with detections for chromium above the GWQC at MW-06, 105 ug/L in November 1998 and 16,000 ug/L in March 2000. There were also two sampling rounds with detections for chromium above the GWQC at MW-09, 116 ug/L in November 1998 and 309 ug/L in June 1999. At MW-06, the November 1998 detection only marginally exceeded the GWQC and the March 2000 detection can be considered an anomaly given the average of the previous six sampling rounds – 26 ug/L. At MW-09, the last three sampling rounds have all reported detections below the GWQC. In addition, the results of the low flow sampling at MW-06 and MW-09 for chromium were below the GWQC at 1.2 ug/L and 67.2 ug/L, respectively. Chromium is not identified as a COC.
Lead has been detected at 12 monitoring wells above the GWQC of 10 ug/L (MW-01, 03, 05, 06, 07, 08, 09, 11, 15, 21, 23, and 24). At MW-01, the detection at 11.0 ug/L reported for the October 1999 sampling round slightly exceeded the GWQC. The subsequent nine sampling rounds reported seven rounds at ND and two rounds with detections (6.95 ug/L and 4.10 ug/L) that were both below the GWQC. At MW-03, the detection at 13.0 ug/L reported for the October 1999 sampling round marginally exceeded the GWQC. The subsequent nine sampling rounds reported either ND (4 rounds) or detections that were below the GWQC (5 rounds). At MW-05 the detection at 15.3 ug/L reported for the November 1998 sampling round exceeded the GWQC. Since the November 1998 sampling round, the five subsequent reported detections for lead have all been below the GWQC. At MW-06, the detections reported for lead from the first three sampling rounds, 13.6 ug/L, 22.4 ug/L, and 90.5 ug/L, respectively, exceeded the GWQC of 10 ug/L. However, the reported results for lead over the four subsequent sampling rounds have all been below the GWQC or ND. At MW-07, the detections from the first two sampling rounds, 13.0 ug/L in October 1998 and 16.4 ug/L in November 1998 exceeded the GWQC for lead. Since the first two sampling rounds, the reported results for lead over the five subsequent sampling rounds have either been ND (2 rounds) or the detections were below the GWQC (3 rounds). At MW-08, four of the reported detections for lead exceeded the GWQC. However, the lead results reported from the last two sampling rounds (October 1999 and March 2000) have both been below the GWQC. At MW-09, six of the reported detections for lead exceeded the GWQC. As previously discussed, the results of the low flow sampling performed at MW-09 for lead was ND, showing that the reported lead concentrations were most likely attributable to sediment entrained in the samples during the sampling event and not representative of actual groundwater conditions. Lead was detected at MW-11 in the June sampling event at 84.5 ug/L, which was above the GWQC. MW-11 has been sampled during two sampling events, September and December 2000, and the reported results for lead were ND. (These analytical results will be submitted to the NJDEP under separate cover at a later date.) Lead was detected in both sampling events (May and June 2000) at MW-15 at 14.0 ug/L and 41.5 ug/L, respectively, which exceeded the GWQC. MW-15 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were ND and 6.57 ug/L, respectively, which were both below the GWQC. Lead was also detected in both the May and June 2000 sampling events at MW-21 at 12.9 ug/L and 10.1 ug/L, respectively, which slightly exceeded the GWQC. MW-21 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were 2.28 ug/L and 10.7 ug/L,

respectively. While the December result was slightly above the GWQC, the reported results for lead have remained consistent. Lead was detected in the June 2000 sampling event at MW-23 at 39.3 ug/L, which exceeded the GWQC. MW-23 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were both ND.

Lead was detected at MW-24 in the May 2000 sampling event at 49.5 ug/L, which exceeded the GWQC. MW-24 has been sampled during two subsequent sampling events, September and December 2000, and the reported results for lead were ND and 6.15 ug/L, respectively. Lead is not identified as a COC.

Silver was detected at MW-02 and MW-03 above the GWQC of 20 ug/L. At MW-02, silver was detected only during the first sampling round at 41.0 ug/L. This detection is most likely attributable to a laboratory error since the laboratory calibration blank reported a result greater than the GWQC for silver. Silver has not been detected again since the first sampling round at MW-02. At MW-03, silver was detected only during the first two sampling rounds at 36.0 ug/L and 9,170 ug/L, respectively. The detection for the first sampling round (36.0 ug/L) was attributable to a laboratory error since the respective laboratory calibration blank reported a result greater than the GWQC for silver. It is also likely that the detection reported during the second sampling round (9,170 ug/L) is either attributable to a laboratory error, since this result is an order of magnitude greater than any other reported result for silver at the M-2 Landfill, or an anomaly, since silver has not been detected again at MW-03 since the first two sampling rounds. Silver is not identified as a COC.

The analytical results have been presented and evaluated for the nine metals that were detected above their respective GWQC during performance of the Quarterly Groundwater Monitoring Program at the M-2 Landfill: aluminum, antimony, arsenic, cadmium, chromium, iron, lead, manganese, and silver. Overall, the results of the low flow sampling shown for MW-06 and MW-09 suggest that many of the metals are likely attributable to sediment entrained in the groundwater samples during the regular sampling events, which are subsequently dissolved in the groundwater in the sample container as the result of acidification (preservation) of the sample. Such conditions are not representative of actual formation groundwater conditions.

In addition to the information presented above, comparison of the groundwater analytical data with the surface water data collected from Mill Creek (adjacent to the landfill) indicates that the groundwater beneath the landfill is not affecting surface water quality. In summary, no metals are identified as COC at the M-2 Landfill.

3.2.5 Aquifer Test Results - Slug Test and Pump Test

To determine the aquifer characteristics of the shallow saturated zone beneath the M-2 Landfill, slug testing was performed on monitoring wells MW-12, MW-13, MW-18, MW-20 and MW-23 and a pump test was performed on MW-19. The aquifer test results are provided in **Appendix D**.

Analysis of the water level data collected during the slug tests indicates the hydraulic conductivity of the subsurface materials is low, ranging from 1.24E -06 ft/day to 5.14E-06 ft/day and averaging 2.50E-06 ft/day.

A five-hour pumping test was conducted in MW-19 (total depth 50 ft). The groundwater levels in the pumped well and a nearby well, MW-24 (total depth 20 ft), were monitored during the test. The initial pumping rate was 3 gallons per minute (gpm). After five hours, the rate was increased to 6 gpm and then to 8 gpm, but neither pumping rate could be sustained. As would be expected, the analysis of the pump test data indicates a higher conductivity than the slug tests. Analysis of data from MW-24 establishes a hydraulic conductivity of 1.2 ft/day (transmissivity = 381 gallons/day/foot), while analysis of data from MW-19 estimates a hydraulic conductivity of 0.2 to 0.4 ft/day (transmissivity = 72 to 135 gallons/day/foot). The observed values for the hydraulic conductivity are to be expected given the silty, clayey, sandy nature of the subsurface materials beneath the M-2 Landfill.

The aquifer storage coefficients derived from the pumping test were generally less than 1E-06 with one exception. One analytical method (Hantush method for leaky aquifers) yielded a storage coefficient of 1.0E-02. This very low storage coefficients suggest that the saturated zone beneath the landfill has little effective porosity.

The hydraulic conductivities from the pump test are more realistic than the slug tests because they are based on data collected over a longer period of time and during a period of sustained pumping. The hydraulic conductivity in MW-24 may be more representative of the shallow (less than 20 ft) saturated zone while the hydraulic conductivity in MW-19 is an approximate representation of the deeper (50 ft) saturated zone. The shallow fill material, as expected, is more permeable than the native glauconitic sands underlying the landfill.

3.2.6 Surface Water Sampling

Since October 1996, stream (surface water) samples have been collected quarterly and then monthly from a total of 22 locations on Fort Monmouth associated with Parkers Creek, Lafetra Creek and Mill Creek. The M-2 Landfill is located on the south bank of Mill Creek and three of the sampling locations are located in the vicinity of the landfill. The three sample locations, which are a part of the long-term surface water monitoring program, include: Site 13 (upstream of the landfill); Site 15 (upstream of the landfill), and Site 16 (downstream of the landfill). In addition, two new sample locations have recently been added to the program, specifically: Site 23 (located on the upstream edge of the landfill) and Site 24 (located on the downstream edge of the landfill). **Figure 10** shows the five sampling locations.

The collected surface-water samples have been analyzed for VOC, pH, ammonia, nitrates, phosphate, sulfate, dissolved oxygen, coliform, and salinity. Laboratory results for VOC for the five locations are summarized on **Table 6**. Sites 13, 15, and 16 include monthly/quarterly analytical results since 1996, while Sites 23 and 24 were only sampled recently in June 2000.

A total of 18 surface-water samples were collected from Site 13 since 1996. Methylene chloride was detected above the MDL and the respective SWQC of 2.49 ug/L in the first three sampling events. Detected values ranged from 2.59 to 3.76 ug/L. In two of the sampling events, methylene chloride was also detected in the method blank. PCE was detected above the MDL and SWQC of 0.39 ug/L in the last three sampling events, ranging from 3.94 to 6.92 ug/L.

A total of 19 surface-water samples were collected from Site 15 since 1996. Acetone and methyl-tert-butyl ether were detected above the MDL in one sampling event at 4.22 ug/L and 2.38 ug/L, respectively. The compound cis-1,2-Dichloroethene was detected above the MDL in ten sampling events, ranging from 1.22 to 5.53 ug/L. SWQC do not exist for these three VOC. Methylene chloride was detected above the MDL and the respective SWQC of 2.49 ug/L in the first four sampling events, ranging from 2.68 to 5.51 ug/L. In three of the sampling events, methylene chloride was also detected in the method blank. PCE was detected in all sampling events above the MDL and the SWQC of 0.39 ug/L, ranging from 2.61 to 10.38 ug/L. TCE was detected in 12 sampling events above the MDL, and in 11 sampling events above the SWQC of 1.09 ug/L, ranging from 1.03 ug/L to 2.58 ug/L.

A total of 18 surface-water samples were collected from Site 16 since 1996. The compound cis-1,2-Dichloroethene was detected above the MDL in ten sampling events, ranging from 1.27 to 3.56 ug/L. Methyl-tert-butyl ether was detected above the MDL in one sampling event at 2.33 ug/L. SWQC do not exist for either of these two VOC. Methylene chloride was detected above the MDL and the respective SWQC of 2.49 ug/L in the first three sampling events, ranging from 3.01 to 4.65 ug/L. In one of the sampling events, methylene chloride was also detected in the method blank. PCE was detected in all sampling events above the MDL and the SWQC of 0.39 ug/L, ranging from 1.48 to 8.20 ug/L. TCE was detected in eight of the sampling events above the MDL and in seven sampling events above the SWQC of 1.09 ug/L, ranging from 1.00 ug/L to 2.25 ug/L.

In summarizing the surface-water sampling data, PCE and TCE were consistently detected above the MDL and the respective SWQC at two of the primary sampling locations (Sites 15 and 16), and at Site 13 during the last three sampling events. PCE was also detected at both Sites 23 and 24 during the June 2000 sampling event. Acetone, cis-1,2-Dichloroethene, and methyl-tert-butyl ether were infrequently detected and have no SWQC. They are not identified as COC.

Methylene chloride was detected in the stream samples for Sites 13, 15, and 16 above the MDL and the SWQC. However, in each case, methylene chloride was also detected in the method blank. Methylene chloride is a known laboratory contaminant and is not a COC.

PCE and TCE are considered to be COC, however, both VOC have been consistently detected in the surface water samples collected from upstream of the landfill (Sites 13 and 15), and then again at Site 23 located on the upstream edge of the landfill. It is the DPW's contention that the concentrations of PCE and TCE are from a source upgradient of the M-2 Landfill and beyond the boundary of Fort Monmouth.

3.2.7 PCB Sediment and Surface Water Sampling

On April 14, 2000, sediment samples from Mill Creek were collected by TVS personnel from 12 locations along the border of the M-2 Landfill to evaluate the potential impact to the stream from the PCB detected in the soils and shallow groundwater of the landfill. A total of 24 sediment samples and two duplicates were collected at depths of 0 to 0.5 ft and 0.5 to 1.0 ft below the stream bottom and analyzed for Total PCB. The analytical results are presented in **Table 7** and the sample locations are shown on **Figure 11**. Sample Location No. 11 and one duplicate sample (presumably collected at Sample Location No. 12) detected concentrations of PCB (Arochlor 1254 at 0.047 mg/Kg and 0.055 mg/Kg, respectively). No other PCB were detected. These concentrations are well below the Lowest Effect Level of 0.060 mg/Kg for PCB listed in the NJDEP Guidance for Sediment Quality Evaluations (November 1998).

In response to the detection of PCB in one sediment sample, two rounds of surface water sampling were conducted in May and June 2000 at three locations in Mill Creek. Each sampling round was performed at both high tide and low tide. Round 1 – high tide was collected on 31 May at approximately 8:30 AM, Round 1 – low tide was collected on 1 June at approximately 3 PM, Round 2 – low tide was collected on 8 June at approximately 11AM, and Round 2- high tide was collected on 14 June at approximately 9AM. The samples were collected at the following standard Fort Monmouth surface water sampling locations (refer to **Figure 10**): No. 15 (upstream of the landfill); No. 24 (downstream of the landfill), and at No. 23, which was downgradient of sediment Sampling Location No. 11 (the location at which the PCB was detected in stream sediments). The samples were analyzed for Total PCB. The analytical results are presented in **Table 8.** There were no detections of PCB in either surface-water sampling round.

3.2.8 Sensitive Receptors/Well Survey

Searches were conducted using various databases and historical information to identify receptors and groundwater wells that may be potentially affected by the M-2 Landfill. An Offsite Receptor Report (dated 27 June 2000) was prepared for the M-2 Landfill by Environmental Data Resources, Inc. (EDR). In addition, a search of the comprehensive well database maintained by the NJDEP – Well Permitting and Regulations Section of the Bureau of Water Allocation was performed. The search was performed for a one mile radius surrounding the center point of the M-2 Landfill. A copy of the sensitive receptor survey is provided in **Appendix E** and a copy of the Well Search Summary is provided in **Appendix F**.

The results of the well search summary identified 294 database records within a one-mile radius of the M-2 Landfill, and include the following relevant wells:

- Monitoring Wells: 212 monitoring wells are identified within one mile of the M-2 Landfill. The well depths ranged from 12 to 80 ft.
- Domestic Wells: 28 domestic wells are identified within one mile of the M-2 Landfill. The well depths ranged from 40 to 230 ft.
- Irrigation Wells – 8 irrigation wells are identified within one mile of the M-2 Landfill. The wells ranged from 20 – 200 ft.

- Public Supply Wells – No public supply, public non-community, or non-public [supply] wells are identified within one mile of the M-2 Landfill.

Regarding potential human and ecological receptors, the most obvious sensitive receptor relative to the M-2 Landfill is Mill Creek, which flows along the north side of the landfill. The data base searches also indicated that two schools were located within one-half to one-mile south-southeast of the landfill. In the case of the M-2 Landfill, potential receptors are not expected to be impacted because of the following:

1. The site is located on an Army-controlled installation and is surrounded on three sides with a six-foot high chain link fence and on the fourth side by Mill Creek, which restricts access to the site.
2. Analyses of groundwater samples indicate that benzene and CB are present in the shallow groundwater in the landfill at concentrations exceeding the GWQC. In addition, benzene was detected at concentrations exceeding the GWQC in groundwater samples collected from one monitoring well (MW-11) drilled deeper into the aquifer (i.e., 50 ft bgs). However, benzene and CB have not been detected in Mill Creek. Further, the results of the groundwater-monitoring program show that VOC concentrations have decreased over time and have not migrated off-site. Based upon the findings of the well search, no public supply, public non-community, or non public [supply] wells are identified within one mile of the M-2 Landfill. Further, there are no domestic, irrigation, industrial, or supply wells existing within the boundaries of the M-2 Landfill, nor will any be installed in the future. Since no groundwater use is occurring or is anticipated to occur, the groundwater beneath the M-2 Landfill is not considered to be a potential receptor pathway.
3. Surface water samples from Mill Creek have indicated the presence of PCE and TCE in concentrations slightly above the GWQC. However, these contaminants are presumed to originate from a separate source upgradient of the M-2 Landfill and beyond the boundary of Fort Monmouth.
4. There are no expected concerns regarding direct human exposure to impacted soils. The cover afforded by the M-2 Landfill is expected to be adequate to continue to provide a barrier to direct human exposure. Additionally, since closure the past 30+ years have seen the growth and stabilization of vegetation (i.e., grass, trees, brush) on the M-2 Landfill. The current institutional controls (i.e., fencing) will be maintained to limit direct contact with the site and periodic inspections of the fencing and landfill cover will be continued.
5. In addition, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Installation Master Plan (for soils containing PCB) to restrict site development and future use of the M-2 Landfill site, and recognize the planned long-term monitoring of this area.

3.3 SUMMARY AND SITE CONCEPTUAL MODEL

The M-2 Landfill consists of a flat to gently sloping surface cover composed of vegetated soil. This earthen cover is stable, approximately 0 to 2 ft thick, and has been generally undisturbed for

over 30 years. Beneath the earthen cover is fill material consisting of waste mixed with organic material, sand, silt and clay. The fill material ranges in thickness from approximately 4 ft to approximately 10 ft. Beneath the fill is the natural soil consisting of silty clays and fine sand. A generalized geologic cross-section of the landfill is depicted in **Figure 12**.

Groundwater is encountered at depths of approximately 8 ft below the surface of the landfill. The groundwater is unconfined (water table conditions) and flows north-northwest towards Mill Creek, which flows eastward into Parkers Creek. Aquifer testing, using monitoring wells installed in the landfill, indicated that the hydraulic conductivity of the saturated materials is low and the groundwater storage capacity of the materials is very low. Consequently, groundwater movement towards Mill Creek is slow.

Sampling of the surface and subsurface soils, groundwater and surface water at the M-2 Landfill has delineated the degree and extent of potential contaminants. The surface cover soils (0 to 2 ft) had seven SVOC at concentrations above the RDCSCC randomly scattered among 12 locations across the landfill. The surface cover soils had three pesticides and four PCB compounds in concentrations above the RDCSCC scattered among 11 locations. Seven metals scattered among 19 borings exceeded the RDCSCC in the cover soils. No exceedences of the RDCSCC for VOC were detected in the cover soils. Although exceedences of NJDEP RDCSCC are identified in the near surface soils for SVOC, pesticides/PCB, and metals within the landfill, evaluation of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. Either the specific calculated compliance average was below the respective RDCSCC, the exceedence was considered marginal, or the exceedence was considered an isolated location or a de minimus quantity. No further action is recommended for the near surface soils. However, to address the PCB and other contaminants detected in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

Analyses of deeper soils in the landfill indicated that only PCB in a few scattered locations were detected at concentrations above the RDCSCC. No other compound exceedences were detected in the deeper soils. The current institutional controls in place at the M-2 Landfill (i.e., the site is located on an Army-controlled installation, and is surrounded on three sides with a six-foot high chain link fence and on the fourth side by Mill Creek restrict access to the site. To further address the PCB concentrations detected in soil at the M-2 Landfill, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Installation Master Plan for soils containing PCB to restrict site development and future use of the M-2 Landfill site, and recognize the planned long-term monitoring of this area.

Surface-water samples from Mill Creek indicated the presence of PCE and TCE in concentrations slightly above the GWQC. These compounds were not detected in the groundwater beneath the M-2 Landfill. It is the DPW's contention that the concentrations of PCE and TCE are from a source upgradient of the M-2 Landfill and beyond the boundary of Fort Monmouth.

Analyses of numerous groundwater samples indicate that benzene and CB are present in the shallow groundwater in the landfill at concentrations exceeding the GWQC. Benzene was detected in a single groundwater sample collected from a well drilled deeper into the aquifer. However, a vertically upward hydraulic gradient was calculated, which suggests that further vertical migration in the aquifer is unlikely.

Overall, the results of the low flow sampling suggest that the PCB and many of the metals detected in the groundwater are likely attributable to sediment entrained in the samples during the regular sampling events, which are subsequently dissolved in the groundwater in the sample container as the result of acidification (preservation) of the sample. Such conditions are not representative of actual formation groundwater conditions. These contaminants are also regarded as highly immobile and insoluble.

Benzene and CB are not identified in Mill Creek, and there are no exceedences of the RDCSCC for these compounds in the soils. The distribution of benzene and CB in the groundwater may be indicative of a combination of biodegradation and retardation (due in part to the low hydraulic conductivity) that limit or prevent migration to Mill Creek. It is reasonable to assume that the concentrations of benzene and CB observed in the shallow groundwater may represent residual, equilibrium concentrations. With regard to remediation, the shallow groundwater is the only area of concern that may need to be addressed at the M-2 Landfill. The benzene detected in deep well MW-11 is not of long-term concern because the hydraulic gradient around MW-11 is upward; thereby, containing the benzene impacted groundwater within the shallow aquifer.

3.4 CLASSIFICATION EXCEPTION AREA

The findings of the RIR show that shallow groundwater within the defined boundary of the M-2 Landfill exceeds the respective GWQC for benzene and CB. The New Jersey Ground Water Quality Standards (GWQS), N.J.A.C. 7:9-6, provide the basis for the protection of ambient groundwater quality of the state. The GWQS recognize the different natural utility of groundwater in various parts of the state and classify groundwater into Classification Areas according to a combination of natural characteristics and actual or potential uses.

The GWQS allow the NJDEP to designate areas of exception to strict application of the GWQS in certain specific situations. A Classification Exception Area (CEA) is established to provide notice that the constituent standards for a given aquifer classification are not or will not be met in a localized area due to natural water quality or anthropogenic influences, and that designated aquifer uses are suspended in the affected area for the term of the CEA. The NJDEP may designate a CEA only when constituent standards are not or will not be met due to:

- natural groundwater quality;
- localized effects of a permitted discharge (e.g., effluent limits above the constituent standards with discharge outside the plume/capture zone);
- part of a pollution remedy conducted pursuant to an Administrative Consent Order (ACO) or other NJDEP oversight mechanism or program; or,

- an Alternate Concentration Limit (ACL) approved under the New Jersey Pollutant Discharge Elimination System (NJPDES).

The intent of a CEA is to restrict uses of the aquifer until the applicable GWQS are met. CEAs are typically of limited duration and are related to the term of a permit approval or estimated time for completion of a remediation. To obtain a CEA designation, three elements must be specified:

- CEA boundaries.
- Contaminants of Concern (COC).
- Duration of the Exception.

The boundaries of a proposed CEA area must meet several requirements. They must:

- Include only the area affected by the remediation program.
- Delineate the horizontal and vertical extent of current and future plume(s).
- Include an identification of all streams, roads, natural and man-made borders, and lot and block numbers of impacted properties.
- Identify all relevant geologic formations.
- Be submitted in an electronic format map compatible with NJ GIS requirements.

All contaminants for which a CEA is being sought must be identified as part of the CEA application. Both primary contaminants and breakdown products that may exceed GWQS must be identified. The duration of the remediation program must also be estimated although an indeterminate duration may be applicable in the case of inorganic species.

A Proposed CEA designation has been generated for the M-2 Landfill. The report is provided in **Appendix H**. The Proposal encompasses the required information summarized above and has been completed in accordance with the current NJDEP guidance, specifically, the procedures described in the *Final Guidance on Designation of CEAs and the Regulatory Requirements,* N.J.A.C. 7:9-6.6, published November 1998.

The data from RI indicates that two VOC analytes, benzene and CB, will require an exception to the GWQC because they are consistently present at concentrations above the GWQC in one or more wells. Metals at concentrations above GWQC will not be considered COC due to their immobility (high K_d, implicit retardation), as well as the soil chemistry and natural background conditions at Fort Monmouth, and the results of the low flow sampling performed and trends of detection reported in the RIR. The results of the groundwater-monitoring program show that VOC concentrations have decreased over time and have not migrated off-site. The fact that there is no increase in concentrations of the contaminants detected above the GWQC with time indicates that no new sources of contamination have impacted the shallow groundwater.

Based upon the findings of the well search (Subsection 3.2.8), no public supply, public non-community, or non-public [supply] wells are identified within one mile of the M-2 Landfill. Further, there are no domestic, irrigation, industrial, or supply wells existing within the

boundaries of the M-2 Landfill, nor will any be installed in the future (the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Installation Master Plan to restrict site development and future use of the M-2 Landfill site, and recognize the planned long-term monitoring of this area). Since no groundwater use is occurring or is anticipated to occur, the shallow groundwater beneath the M-2 Landfill is not considered a groundwater use area. A CEA is also proposed to document the quality of the groundwater in the vicinity of the site, and limit or prevent unauthorized uses until such time as the benzene and CB have declined to concentrations below the GWQC or site cleanup criteria.

The horizontal and vertical extent of the CEA has been identified by the analysis of existing data to determine the probable maximum extent of future contamination at concentrations above the GWQC. The CEA Proposal includes fate and transport modeling that predicts the future attenuation and migration of contaminants. Based on the analytical data and the fate and transport models used to simulate future conditions, it is predicted that the maximum extent of contamination will never be significantly larger than the current extent of contamination. A period of 5 to 9 years is required for the contaminant concentrations to degrade to less than the GWQC for benzene and CB. The results of the monitoring program at the M-2 Landfill indicate that the groundwater contaminant plume is relatively stable, and has been defined to exist in six distinct areas, covering approximately 50 percent of the Site (see **Figure 10c** of **Appendix H**). In a proactive effort to augment the natural attenuation process, Fort Monmouth is proposing to implement a remedial action for the shallow groundwater at the Site. The following section details the proposed remedial action.

SECTION 4.0
REMEDIAL ACTION WORKPLAN

4.1 CHECK LIST

The RAW was prepared in accordance with the applicable sections of N.J.A.C. 7:26E-6.2 and contains all the applicable requirements listed in that subchapter. Items required for the RAW that have been previously addressed in the remedial investigation sections of this document are referenced or restated as necessary. Specifically, this RAW submittal addresses:

- Remedial Investigations Report pursuant to N.J.A.C. 7:26E-4.8 **(**see **Sections 1, 2, 3 and 4.2)**,

- Soil Remediation Plan **(**see **Section 4.2.4)**
  a) Description of remedial action and remedial technology for each area of concern (N.J.A.C. 7:26E-6.2(a) 5)
  b) Post-remedial sampling (N.J.A.C. 7:26E-6.3 & 6.4)
  c) Compound-specific cleanup goals (N.J.A.C. 7:26E-6.2(a) 4)
  d) Scaled site maps (N.J.A.C. 7:26E-4.9 & 6.2(a) 6)
  e) Permit requirements/applications (N.J.A.C. 7:26E-6.2(a) 8)
  f) System specifications and construction information (N.J.A.C. 7:26E-6.2(a) 9)
  g) Soil erosion and sediment control plan (N.J.A.C. 7:26E-6.2(a) 10)
  h) Soil disposal/soil re-use plan (N.J.A.C. 7:26E-6.4(b)),

- Groundwater Remediation Plan **(**see **Section 4.2.4)**
  a) Plume(s) delineated
  b) Wells properly constructed
  c) Flow direction defined, including groundwater elevation contour maps
  d) Description of remedial action and remedial technology for each area of concern (N.J.A.C. 7:26E-6.2(a) 5)
  e) Compound-specific cleanup goals (N.J.A.C. 7:26E-6.2(a) 4)
  f) Remedial monitoring plan/effectiveness evaluation plan
  g) Hydraulic control information/maintenance
  h) Treated water discharge location
  i) Scaled site maps (N.J.A.C. 7:26E-4.9 & 6.2(a) 6)
  j) Permit requirements/applications (N.J.A.C. 7:26E-6.2(a) 8)
  k) System specifications and construction information (N.J.A.C. 7:26E-6.2(a) 9),

- Data presentation format and quality assurance project plan (N.J.A.C. 7:26E-6.2(a) 7) – See **Section 4.2.3.6**,

- Site Specific Health and Safety Plan (N.J.A.C. 7:26E-6.2(a) 11) – See **Section 4.2.3.7**,

- Site restoration plan and remedial system dismantling plan (N.J.A.C. 7:26E-6.2(a) 12 &13) - See **Section 4.2.4**,

- Cost estimate (N.J.A.C. 7:26E-6.2(a) 14) **-** See **Section 4.2.5**, and
- Schedule of implementation (N.J.A.C. 7:26E-6.2(a) 15) **–** See **Section 4.2.3.4**.

4.2 SITE SUMMARY

4.2.1 Summary of Areas of Environmental Concern

As discussed in Section 3, sampling of the surface and subsurface soils, groundwater and surface waters at the M-2 Landfill has delineated the degree and extent of potential contaminants. Benzene and CB are not present in Mill Creek and there are no exceedences of the RDCSCC for these compounds in the soils. The distribution of benzene and CB in the groundwater may be indicative of a combination of biodegradation and retardation (due in part to the low hydraulic conductivity) that limit or prevent migration to Mill Creek. It is reasonable to assume that the concentrations of benzene and CB observed in the shallow groundwater may represent residual, equilibrium concentrations. In regards to remediation, the shallow groundwater is the area of concern that must be addressed. Remedial actions/technologies that accelerate or augment the natural attenuation that appears to be occurring at the landfill will be the objective of this RAW.

4.2.2 Summary of Proposed Remedial Action(s)

4.2.2.1 Area(s) Proposed for Remedial Action

The M-2 Landfill consists of a flat to gently sloping surface cover composed of vegetated soil. This earthen cover is stable, approximately 0 to 2 ft thick, and has been generally undisturbed for more than 30 years. Beneath the earthen cover is fill material consisting of waste mixed with organic material, sand, silt and clay. The fill material ranges in thickness from approximately 4 ft to approximately 10 ft. Beneath the fill is the native soil consisting of silty clays and fine sand. Groundwater is encountered at depths of approximately 8 ft below the surface of the landfill. The groundwater is unconfined (water table conditions) and flows north-northwest towards Mill Creek, which flows eastward into Parkers Creek. Aquifer testing, using monitoring wells installed in the landfill, indicated that the hydraulic conductivity of the saturated materials is low and the groundwater storage capacity of the materials is very low. Consequently, groundwater movement towards Mill Creek is slow.

The area proposed for remedial action at the M-2 Landfill is based upon the findings of the GeoProbe® soil and groundwater investigation conducted in 1999. Figure 13 presents the approximately 185 boring locations where groundwater samples were collected and analyzed for VOC. Figure 13 also presents the detections for benzene and CB and highlights ("outlined in red") the exceedences above the respective New Jersey GWQC. The results of the groundwater investigation establish the areal extent of shallow (0-12 ft bgs) groundwater contamination (defined by several boring locations where benzene and CB were reported below the method detection limits (or Not Detected)). The shallow groundwater contamination can be further

separated into six defined areas as shown on **Figure 13.** The six areas of defined shallow groundwater contamination are proposed for remedial action.

4.2.2.2 Identification of Applicable Remediation/Cleanup Standards

The COC and media for proposed remedial action at the M-2 Landfill are benzene and CB in the shallow groundwater. The applicable remediation/cleanup standards are the respective New Jersey GWQC:

- Benzene – 1 ug/L, and
- Chlorobenzene – 4 ug/L.

4.2.2.3 Proposed Classification Exception Area

As discussed in Subsection 3.3.2 of the RIR, the DPW is proposing the designation of a CEA at the M-2 Landfill site. The Proposal for a CEA at the M-2 Landfill is provided in **Appendix H**. The horizontal and vertical extent of the CEA has been identified by the analysis of existing data to determine the probable maximum extent of future contamination at concentrations above the GWQC. The CEA Proposal includes fate and transport modeling that predicts the future attenuation and migration of contaminants. Based on the analytical data and the fate and transport models used to simulate future conditions, it is predicted that the maximum extent of contamination will never be significantly larger than the current extent of contamination. The CEA Proposal established that a period of 5 to 9 years will be required for the contaminant concentrations to degrade to less than the respective GWQC for benzene and CB and that benzene and CB will not migrate beyond the boundaries of the M-2 Landfill site in the timeframes calculated. The results of the monitoring program at the M-2 Landfill indicate that the groundwater contaminant plume is relatively stable (see **Figure 10c** of **Appendix H**). In a proactive effort to augment the natural attenuation process at the M-2 Landfill, Fort Monmouth is proposing to implement a remedial action for the shallow groundwater.

4.2.2.4 Description of Proposed Remedial Actions/Technologies

The CEA calculated for the M-2 Landfill shows that groundwater contamination for benzene and CB will not migrate from the M-2 Landfill site above the respective GWQC in the timeframes calculated. Therefore, natural attenuation provides a technically defensible argument for "No Further Action" at the M-2 Landfill. However, the DPW prefers to accelerate the natural attenuation processes and has elected to evaluate several technologies to enhance remediation of the shallow groundwater. The proposed remedial actions/technologies to be evaluated at the M-2 Landfill include chemical treatment, bioremediation, and monitored natural attenuation.

Chemical Treatment

In-situ chemical treatment (oxidation) involves the introduction of one or more chemicals (primarily oxidizers such as dissolved oxygen, peroxide, potassium permanganate, or ozone) into

the subsurface, which react with the COC in an exothermic reduction/oxidation (redox) chemical reaction to degrade the contaminants into non-toxic end products (usually carbon dioxide, water and fatty acids). The two primary in-situ chemical treatment (oxidation) methods used within soils and groundwater in the degradation of organic contaminants (such as benzene and CB present at this site) are:

1. dilute hydrogen, magnesium and/or calcium peroxide, also known as oxygen release compounds (ORC); and
2. Fenton reagents, a proprietary blend of iron catalysts, peroxides, and buffers.

In-situ chemical treatment (oxidation) can be undertaken in conjunction with other treatments, such as pump-and-treat, soil vapor extraction and bioremediation, to degrade remaining contaminants. A brief overview of the two in-situ chemical treatment (oxidation) methods is provided below.

Oxygen Release Compounds (ORC)

Oxygen release compounds (ORC) degrades (reduces) to water or hydroxides, therein releasing free oxygen to the system. The free oxygen subsequently is utilized by organisms in the soil/groundwater to break down organic molecules (contaminants) into smaller, simpler, non-toxic substances, such as water and fatty acids. Most ORC blends on the market are too dilute for safety concerns to produce enough free oxygen to create a substantial redox chemical degradation. They serve only as sources of additional oxygen to indigenous microbes in their bioremedial degradation of organic substances (see Bioremediation section below).

Fenton Reagents

The Fenton reagent reaction is a straightforward oxidation process in which larger organic molecules are oxidized or chemically cleaved into simpler, environmental-friendly substances, such as water and carbon dioxide. "Daughter products," or intermediate breakdown products, may be created as the result of the Fenton reagent reaction. However, these daughter products are eventually broken down by the Fenton reagent reaction. The process is extremely rapid, approximately days or weeks, as opposed to bioremediation or natural attenuation, which typically occur over periods of months or years.

The process uses a standard Fenton's reagent procedure that combines hydrogen peroxide and iron (Fe^{+2}). The catalyzed decomposition of hydrogen peroxide to form hydroxyl radicals (OH-), a strong oxidant, occurs as follows:

$$H_2O_2 + Fe^{+2} \rightarrow OH + OH^- + Fe^{+3}$$

The hydroxyl radical (OH-) attacks the carbon-carbon bonds, resulting in cleavage fragments as follows:

$$contaminants + OH^- \rightarrow daughter\ products + H_2O_2 + OH^-$$

Subsequent oxidation results in a breakdown of the contaminant fragments to carbon dioxide and water as follows:

$$daughter\ products + OH^- \rightarrow H_2O + OH + CO_2$$

The Fenton reagent reaction selectively attacks carbon bonds based upon their complexity. Specifically, the presence of the carbon-carbon (C=C) double bonds in the benzene ring of molecules, such as benzene and CB, facilitates the propagation of the hydroxyl radical (OH-) addition reaction followed by ring cleavage to final by-products such as carbon dioxide and water. In short, Fenton reagents are especially reactive with benzene and chlorobenzene-type compounds. Furthermore, they can be used in the oxidation of chlorinated and non-chlorinated hydrocarbons, as well as semi-volatile organic compounds, including pesticides, and polycyclic aromatic hydrocarbons (PAHs).

The volume and chemical composition of individual treatments are based on the contaminant levels and volumes, subsurface characteristics, and pre-application laboratory test results. The methods for delivery of the chemicals may vary. The Fenton reagents are injected through a well or injector head (GeoProbe®) directly into the subsurface or combined with extract (i.e., liquid) from the site and then recirculated.

Bioremediation

Bioremediation is a treatment process that uses naturally occurring microorganisms (yeast, fungi, or bacteria) to breakdown or degrade hazardous substances into less toxic or non-toxic substances. The microorganisms consume and digest organic substances for nutrients and energy. In general, the microorganisms break down the organic contaminants into harmless products – mainly carbon dioxide and water. Once the contaminants are degraded, the microorganism population is reduced (i.e., die) with the declining food source. The dead microorganisms or small populations of microbes in the absence of food pose no contamination risk.

For bioremediation to occur, the microorganisms must be active and healthy. Bioremediation technologies assist microorganisms' growth and increase microbial populations by creating the optimum environmental conditions for detoxification of the maximum mass of contaminants. The specific bioremediation technology used is determined by several factors, including the type of microorganisms present, site conditions, and the quantity and toxicity of the contaminant chemicals. Different microorganisms degrade different types of compounds and survive under different conditions.

Indigenous microorganisms are those microbes that are naturally present at the site. To stimulate the growth of these indigenous microorganisms, the proper soil temperature, moisture content, oxygen, pH, soil redox potential, and nutrient content may need to be provided. An additional carbon source such as molasses or other inexpensive simple carbon chain sugar may be added to promote the rapid growth of the indigenous populations.

If the biological activity needed to degrade a particular contaminant is not present in the soil at the site, microorganisms from other locations, or special commercially available, cultured microbes or enzymes, whose effectiveness has been tested and documented, can be added to the contaminated media. These are called exogenous microbes and enzymes. The conditions at the site must be adjusted to ensure that the exogenous microbes will thrive.

Bioremediation can take place under aerobic and anaerobic conditions. In aerobic conditions, microorganisms use available atmospheric oxygen to function. With sufficient oxygen, and the proper environmental conditions, the microbes will convert many organic contaminants to carbon dioxide and water. Anaerobic conditions support biological activity when no oxygen is present so the microorganisms breakdown chemical compounds in the soil via beta-oxidation to release methane and carbon dioxide. Sometimes, during the aerobic and anaerobic processes of breaking down the original contaminants, intermediate products that are less toxic, equally toxic, or more toxic than the original contaminants are created.

Bioremediation applications fall into two broad categories: in-situ (in-place) or ex-situ (removed, out-of-place). In-situ bioremediation treats the contaminated soil or groundwater where originally detected. Consequently, it may be less expensive, create less dust, and cause less release of contaminants than ex-situ techniques. In addition, it is possible to treat large volume of media at one time using in-situ methods. In-situ techniques, however, are generally slower than ex-situ techniques, but are more cost effective at sites with permeable (i.e., sandy or uncompacted) soil and transmissive aquifers. Ex-situ bioremediation processes require removal of the contaminated soil or groundwater (e.g., excavation of contaminated soil or pumping of groundwater) before treatment. In the case of this Fort Monmouth RAW, only in-situ bioremediation was considered and evaluated.

The goal of aerobic in-situ bioremediation is to supply oxygen and nutrients to microorganisms in the soil. Aerobic in-situ techniques can vary in the way they supply oxygen to the microbes that degrade the contaminants. Two most common methods are bioventing and the injection of hydrogen peroxide. Oxygen can be provided naturally in well-vented soils, by pumping air into the soil above the water table (bioventing) or below the water table (air sparging), or by delivering oxygen in liquid or solid form as hydrogen peroxide or a peroxide salt to the subsurface. In-situ bioremediation may not work well in clays or in highly layered subsurface environments because oxygen cannot be evenly distributed throughout the area. In-situ remediation typically requires years to reach cleanup goals, depending mainly on the biodegradability of the specific contaminant. Less time is generally required with easily degradable contaminants.

Bioventing/Air Sparging Systems

These systems deliver air (oxygen) from the atmosphere into the soil and/or groundwater through injection wells placed in the ground where the contamination exists. The number, location, and depth of the wells depend on many geological factors and engineering considerations.

An air blower may be used to introduce air into the soil/groundwater through the injection wells. Air (oxygen) flowing through the soil/groundwater is used by the microorganisms in the oxidation of the contaminants. Nutrients, soil moisture, pH and soil Redox potential-adjusting chemical agents, and/or commercially available cultured microbes or enzymes, may be applied to the surface or pumped into the injection wells. Nitrogen, phosphorous, and supplemental carbon sources may also be required to increase the growth rate of the microorganisms.

Hydrogen Release Compounds

This method uses hydrogen release compounds (HRC) to enhance in-situ anaerobic bioremediation using proprietary polylactate ester specially formulated for slow release of lactic acid. Bioremediation using HRC is a multi-step process. Indigenous anaerobic microbes metabolize the lactic acid generated by HRC, thereby producing hydrogen. The resulting hydrogen can be used by reductive dehalogenators, which are capable of metabolizing chlorinated hydrocarbons via a process called reductive dechlorination. Major target compounds in this group include the chlorinated aliphatic hydrocarbons, such as PCE, TCE, trichloroethane (TCA), and their derivatives. By providing a long-lasting time-release hydrogen source, HRC enhances anaerobic reductive dechloronation of chlorinated hydrocarbons via anaerobic bioremediation.

Biodegradation is useful for many types of organic wastes, particularly petroleum related compounds (aerobic bioremediation), and chlorinated hydrocarbons (anaerobic bioremediation), and is a cost-effective, natural process. The extent and success of biodegradation is highly dependent on the toxicity and initial concentrations of the contaminants, their respective biodegradability, the properties of the contaminated soil, the particular treatment system, and associated operation of the system to control the soil environment and growth of microorganisms. The effectiveness of bioremediation is limited at sites with high concentrations of metals, highly chlorinated organics, or inorganic salts because these compounds are toxic to microorganisms. In the case of benzene and CB, the primary soil contaminants at the M-2 Landfill, both COC are slow degrading compounds and CB is a halogenated aromatic compound.

The soil must be carefully controlled and monitored to ensure the proper oxygen content, moisture levels, soil nutrients and optional outside carbon source levels, soil pH, soil redox potential, and temperature are maintained to optimize environmental conditions to promote and enhance the growth of microorganisms. Seasonal changes in temperature will also slow or possibly stop the biological process during winter months, as microorganisms are temperature sensitive.

Enzyme-Enhanced Bioremediation (EEB)

The key to any bioremediation process is the control of specific microorganisms under specific environmental conditions to achieve specific chemical transformations. Bioremediation requires this control to be maintained in complex hydrogeological settings to transform often-complex mixtures of compounds to carbon dioxide and water in a process called “mineralization.” The process of transforming a hazardous chemical to a non-hazardous compound in a biological

system is the result of complex biochemical reactions in which microorganisms (bacteria) convert the hazardous compound to energy and cell mass. Bioremediation processes are catalyzed chemical reactions in which the microorganism provides the catalyst (enzyme) to transform a specific compound (contaminant) in an oxygen-reduction (redox) reaction. Enzyme production and the subsequent reaction will not occur unless suitable environmental conditions are carefully maintained. The primary components required to sustain a bioremediation process are: a bacteria species capable of producing "target-specific enzymes" to degrade the contaminant, an energy source (contaminant), and an electron acceptor for the redox reaction. Components of secondary importance are: nutrients, moisture, pH, and temperature. Absence, or even imbalance, of these components may limit the biological process and result in a lack of contaminant transformation. Enzyme Technologies, Inc. (ETEC) of Portland, Oregon, has developed proprietary methods to enhance the bioremediation process. Background information from their Web Site (www.enzymetech.com) has been summarized below to provide an overview of a proposed EEB implementation at the M-2 Landfill.

Oxygenation is extremely important in the performance of an in-situ bioremediation process, often controlling both the overall rate of contaminant degradation as well as the cleanup levels attainable. Maximizing the available oxygen is critical to maximize the degradation rates achievable using the proposed biological enhancement products. There are two common methods for oxygenation of groundwater: 1) air injection; and 2) oxygen (or oxygen-augmented air) injection. With both of these methods, the air or oxygen is forced below the surface into the groundwater to subsequently migrate upward, creating an oxygenated volume of water surrounding the injection location. With air injection, the dissolved oxygen saturation point is approximately 8 to 12 parts per million (ppm), depending on elevation and temperature. With pure oxygen injection, the dissolved oxygen can typically be increased to 15 to 20 ppm. ETEC manufactures a "BioBox®" for use at sites that incorporates a unique oxygen mixing process to achieve dissolved oxygen concentrations in the water of 40 ppm or greater, achieving full solubility of the oxygen into the water. This is a highly beneficial condition for the purposes of achieving contaminant degradation.

The proposed biological enhancements at the M-2 Landfill would consist of four different products: Enzyme Accelerator (EA), Multi-Enzyme Complexes (MZC), TPH Bacterial Consortium (A2), and Custom Blend Nutrients (CBN). A description of each of the proposed enhancements is provided below:

- EA acts as a pre-treatment agent for enzyme and bacterial applications. EA is a liquid biosurfactant that increases the surface area for enzymes and bacteria, thereby increasing the cleanup rate.
- MZC is a concentrated liquid extract of mono- and dehydroxygenase compounds that are responsible for over 90% of the bioremediation process.
- A2 is a liquid multi-strain bacterial consortium specifically designed to degrade long-chain petroleum hydrocarbons.
- CBN is dry mixture of proprietary nitrogen, phosphorus, and potassium compounds with micronutrients.

The application of biological enhancements are typically accomplished by using a Geoprobe® rig to install an array of temporary injection points for introduction of the biological enhancements. Injection of the biological products would be continuous from ground surface to the selected depth and would be performed in two stages. During stage one, the EA and MZC are mixed in the BioBox® and injected into the ground. During stage two, the CBN and A2 are mixed in the BioBox® and then injected into the same locations. Performance monitoring of the area is then conducted for operational parameters (e.g., dissolved oxygen) followed by confirmatory sampling and analysis at the completion of the treatment period.

Monitored Natural Attenuation

The term "monitored natural attenuation" refers to the reliance on the *natural attenuation process* (within the context of a carefully controlled and monitored site cleanup approach) to achieve site-specific remediation objectives within a period that is "reasonable" compared to that offered by other more active methods.

The term "monitored natural attenuation" became EPA policy under OSWER Directive (9200.4-17P) with the objective to emphasize and require that a long-term monitoring program become an important component of a remedy where natural processes are to be relied upon to achieve the cleanup objectives. The intent of the directive was to distinguish between the case where "monitored natural attenuation"(MNA) is used as a remedy, as opposed to the case where "natural attenuation" processes are occurring as part of a no-action remedy and are not being relied upon to attain a remedial objective. The NJDEP has also accepted "monitored natural attenuation" as an optional remedy for the cleanup of a contaminated site, particularly in the case of underground storage tanks.

"Natural attenuation" is the effect of natural processes (i.e., those which do not require human intervention such as engineered enhancement or controls) which reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater. It is a passive method of treatment; however, EPA and NJDEP expect that source control and long-term performance monitoring will be fundamental components of any remedy that relies primarily on natural attenuation processes. EPA and NJDEP do not view MNA to be a "no action" or "walk-away" approach, but rather consider it to be an alternative means of achieving remediation objectives that may be appropriate for specific, well-documented site circumstances where it meets the applicable statutory and regulatory requirements.

In the majority of cases where MNA is proposed as a remedy, its use may be appropriate as one component of the total remedy, that is either in conjunction with active remediation or as a follow-up measure. In general, MNA should be used cautiously as the sole remedy at contaminated sites.

The "natural attenuation processes" that are in operation in such a remediation approach include a variety of physical, chemical, or biological processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater. These in situ processes encompass biodegradation;

dispersion; dilution; sorption; volatilization; radioactive decay; and chemical or biological stabilization, transformation, or destruction of contaminants.

MNA is appropriate as a remedial approach where it can be demonstrated as being capable of achieving a site's remediation objectives within a timeframe that is considered "reasonable" compared to that offered by other methods, and where it meets applicable remedy selection criteria. Therefore, sites where the contaminant plumes are no longer increasing in extent, or are shrinking, would be the most appropriate candidates.

The timeframe required for MNA remedies is often longer than that required for remedies that are more active. Consequently, the uncertainty associated with the natural attenuation processes increases dramatically, as well as the ability to establish the performance monitoring standards capable of verifying the performance expected from natural attenuation in a timely manner (e.g., five to ten year monitoring period).

Potential advantages of using MNA include:

- As with any in situ process, generation of lesser volume of remediation wastes, reduced potential for cross-media transfer of contaminants commonly associated with ex-situ treatment, and reduced risk of human exposure to contaminants, contaminated media, and other hazards, and reduced disturbances to ecological receptors;
- Some natural attenuation processes may result in in-situ destruction of contaminants;
- Less intrusion as few surface structures are required;
- Potential for application to all or part of a given site, depending on site conditions and remediation objectives; and
- Potentially lower overall remediation costs than those associated with active remediation.

The potential disadvantages of using MNA include:

- Longer time frames may be required to achieve remediation objectives, compared to active remediation measures at a given site;
- Site characterization is expected to be more complex and costly;
- Toxicity and/or mobility of transformation products may exceed that of the parent compound;
- Long-term performance monitoring will generally be more extensive and for a longer time frame;
- Institutional controls may be necessary to ensure long term protectiveness;
- Potential exists for continued contamination migration, and/or cross-media transfer of contaminants; and
- Hydrologic and geo-chemical conditions amenable to natural attenuation may change over time and could result in renewed mobility of previously stabilized contaminants (or naturally occurring metals), adversely influencing the remedial effectiveness.

The attenuation factor of organic chemical compounds has been empirically calculated as a function of its organic partitioning coefficient (KOC) and its half-life in the environment. The

half-lives of organic substances is reported in the *Handbook of Environmental Degradation Rates,* authored by Howard, Boethling, Jaris, Meylan, and Michalenko. The empirical calculation is

Attenuation Factor (AF) = K x KOC

Where: **K = degradation coefficient = 0.693/ $T_{1/2}$**

$T_{1/2}$ = half life of the organic compound

The half-lives of the compounds of concern in the shallow groundwater at the M-2 Landfill (benzene and CB) are as high as 24 months and 300 days, respectively. The KOC for each compound is 58 and 200, respectively. This equates to an AF of 0.35 and 0.58, respectively.

The half-life of benzene is relatively large, i.e., approximately two years. It is relatively resistant to degradation in the environment without active enhancement. Similarly, the half-life of CB is almost one year. Their persistence in the environment is greater than that of more biodegradable compounds or other related petroleum compounds. Use of the MNA process at the site would probably take up to ten years. Therefore, it is recommended that a more active remedy be implemented to reduce the timeframe of the remedial solution.

4.2.3 Proposed Remedial Alternative

The proposed remedial alternative for the M-2 Landfill includes:

- Maintaining the current institutional controls to limit direct contact with the site, and
- Continued groundwater and surface water monitoring to demonstrate that contaminant degradation due to natural attenuation is a constant and ongoing process.

In addition, the DPW proposes to implement EEB to enhance the natural attenuation occurring at the landfill and more directly impact the shallow groundwater. EEB will be applied within six defined areas where elevated levels of benzene and/or CB were detected during the March 1999 landfill investigation. **Figure 13** shows the six areas proposed for remedial action. Approximately eight (8) boring locations within each of the six delineated areas having had shallow groundwater detections of benzene and/or CB above the respective NJDEP GWQC will be selected for application of the biological enhancements. The initial boring locations were surveyed using GPS; this will allow the injections to be performed directly adjacent to the March 1999 sampling locations.

ETEC will support the proposed remedial action at the M-2 Landfill by providing the four (4) biological enhancements (EA, MZC, A2, and CBN) and the mixing equipment (i.e., Biobox®). The application of biological enhancements will be accomplished using a Geoprobe® rig to install an array of nine (9) temporary injection points around each selected boring location for introduction of the biological enhancements. The injection points will be established on 5-foot

centers for a total of 432 injection locations. Injection of the biological products will be continuous from 4 ft to 8 ft bgs.

The biological enhancements will be injected in two stages. During stage one, the EA and MZC will be mixed in the BioBox® and injected into the ground. During stage two, the CBN and A2 will be mixed in the BioBox® and then injected into the same locations. A maximum production rate of twenty (20) injection points per day has been estimated. Based on this rate, the 1st stage of biological enhancements will be injected at two (2) boring locations during one day (9 injections per location) followed by the 2nd stage the next day.

The injection procedure will be conducted as follows:

- Based on the established grid system from the March 1999 landfill investigation, the selected boring locations and the planned injection grid will be marked on the ground.
- Required contacts for utility clearances will be made and performed. This information will be confirmed in the daily site logs.
- The Geoprobe® rig will be positioned at the proposed injection location and advanced to the initial application depth (8 ft bgs).
- Once the probe is inserted to the initial application depth, the BioBox® injection hose will be connected to the Geoprobe® assembly using an adapted union.
- After both stages of enhancement injection have occurred, each Geoprobe® borehole will be properly abandoned.

During performance of the injection program, an observation of increasing injection pressures and decreasing flow rates should indicate an impermeable boundary. Should this situation be observed, a decision will be made regarding relocation of the proposed injection point.

In addition, approximately 30 days after the completion of the 2-stage injection process, ORC will be applied to the same treatment area again using a Geoprobe® to supplement the free oxygen concentration. Bioremediation will then be allowed to continue for a 12-month treatment period. Long-term groundwater monitoring at the landfill and surface water monitoring at Mill Creek will be continued. The long-term groundwater-monitoring program will be modified as follows: MW01, MW-04, MW-17, and MW-22 will be properly closed and eliminated from sampling. Samples from the remaining 20 groundwater monitoring wells will be as follows: TCL VOC (+15) during three of the four quarters and the 4th Quarter will include TCL VOC (+15), TCL BNA (+15), pesticides, PCB, and TAL metals. The full TCL and TAL analyses will be performed on samples collected in the fall months of the year, which is the Quarter most likely to contain exceedences of the GWQC standards. This is often due to decreased levels of precipitation and, therefore, groundwater dilution.

The current institutional controls in place at the M-2 Landfill (i.e., the site is located on an Army-controlled installation and is surrounded on three sides with a six-foot high chain link fence and on the fourth side by Mill Creek) will be maintained. Periodic inspections of the fencing and landfill cover will be continued.

To address the PCB concentrations detected in soil at the M-2 Landfill, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Installation Master Plan for soils containing PCB to restrict site development and future use of the M-2 Landfill site, and recognize the planned long-term monitoring of this area. The DPW is the lead agency for all land use issues at Fort Monmouth. The Installation Master Plan resides in the Engineering Services and Planning Division of the DPW. A formal DER cannot be established since Fort Monmouth is a Federal facility and as such, no deed exists.

4.2.3.1 Required Permits and Approvals

Requested Authorization for Discharge to Ground Water by Permit-By-Rule

As provided in N.J.A.C. 7:14A-7.5 (Authorization of Discharges to Ground Water By Permit-By-Rule), Subsection (b), any person responsible for discharges to groundwater listed in 3i through v are deemed to have a permit-by-rule if the discharge occurs when: 1) NJDEP is remediating a contaminated site as defined in N.J.A.C. 7:26C-1.3, pursuant to the rules at N.J.A.C. 7:14B implementing the Underground Storage of Hazardous Substances Act (N.J.S.A 13:1K-6 *et seq*.), or when the owner or operator of a contaminated site is conducting remediation under NJDEP oversight, or the requirements of the Spill Compensation and Control Act (N.J.S.A. 58:10-23.11), or the Procedures for Department Oversight of the Remediation of Contaminated Sites at N.J.A.C. 7:26C; and 2) the person is in receipt of written approval from NJDEP.

The groundwater discharges authorized by permit-by-rule, N.J.A.C. 7:14A-7.5, under Subsection (b) include:

(iv). Discharges to groundwater not to exceed 180 calendar days from any other facility or equipment associated with monitoring, engineering, remedial activities, or design studies necessary to evaluate a contaminated site.

By submittal of this RAW, Fort Monmouth is requesting written approval for Permit-by-Rule for the proposed EEB and ORC application and discharge to groundwater.

Requested Approval for Disruption of Landfill

N.J.A.C. 7:26-2A(j) states that written approval for disruptions of landfills are to be obtained from the NJDEP prior to any excavation, disruption, relocation or removal of any deposited material, which may or may not involve solid waste, from either an active, terminated, or closed sanitary landfill. "Minor" disruptions of a landfill include (but are not limited to): the performance of soil borings and test pits, methane gas surveys, and installation of piezometers and observation wells. The planned injection of biological enhancements and ORC at the M-2 Landfill utilizing a Geoprobe® could be presumed to be a minor disruption of a landfill. However, as provided in N.J.A.C. 7:26-2A.8(j)(iii), a separate disruption approval is not required when the landfill owner has submitted documentation and received prior approval from the NJDEP in the form of several specific instances including "approval for specific construction activities".

By submittal of this RAW, Fort Monmouth is requesting approval for the proposed remedial action at the M-2 Landfill and, more specifically, the injection of biological enhancements and ORC and, therefore, should be exempted from the requirement to submit a Sanitary Landfill Disruption Application.

4.2.3.2 Deed Notification

Fort Monmouth is a Federal facility and as such, no deed exists. To address the PCB concentrations detected in soil at the M-2 Landfill, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Installation Master Plan for soils containing PCB to restrict site development and future use of the M-2 Landfill site, and recognize the planned long-term monitoring of this area. The DPW is the lead agency for all land use issues at Fort Monmouth.
The Installation Master Plan resides in the Engineering Services and Planning Division of the DPW. A formal DER cannot be established since a deed for Fort Monmouth does not exist.

4.2.3.3 Location of Proposed Remedial Treatment Units

The planned EEB implementation and follow-up ORC application will be performed utilizing mobile/trailer mounted equipment and a GeoProbe® to bore directly through the ground surface in a grid pattern established across the landfill. There are no structures or facilities that require placement onsite, dismantling, or site restoration.

4.2.3.4 Implementation Schedule

The DPW has awarded a contract for performance of the planned remedial action presented within this RAW. Following approval of this RIR/RAW by the NJDEP, the implementation schedule will be as follows:

- Preparation of required plans (e.g., Site-specific Health and Safety Plan) – 14 days.
- Procurement and delivery to the site of the BioBox® and biological enhancement products – 30 days.
- Site mobilization/clearances and utility connection – 5 days.
- Establish and survey injection grid – 3 days.
- Performance of 2-stage EEB injection – 60 days.
- Demobilization – 2 days.
- Initial treatment period – 30 days.
- Injection of ORC – 30 days.
- Performance monitoring of the enhanced bioremediation - 12 months.
- Confirmatory sampling and analysis – 21 days.
- Remedial Action Report – 8 weeks following receipt of analytical data from confirmatory sampling.

Progress reports will be prepared and submitted quarterly to the NJDEP for the duration of the proposed remedial action.

4.2.3.5 Soil and Sediment Erosion

As described within this document, the proposed remedial measures will be accomplished using a GeoProbe®. There is no planned disturbance of the soil within the landfill as part of the proposed remedial measures. Soil and sediment erosion control measures will be implemented to minimize the transport of soil onto the installation roadways (e.g., placement of straw, gravel at the entrance gate of the landfill) from vehicles entering and exiting the site.

4.2.3.6 Quality Assurance Project Plan

Field sampling activities will be conducted in accordance with the NJDEP Field Sampling Manual. Fort Monmouth Environmental Testing Laboratory (NJDEP Certification #13461) will conduct all analyses in accordance with the New Jersey Laboratory Certification Program. A separate Quality Assurance Project Plan will not be submitted for the planned EEB implementation.

4.2.3.7 Site Specific Health and Safety Plan

As required under N.J.A.C.7:26E-1.9, a site-specific health and safety plan (SHSP) will be prepared for the proposed remediation activities. The SHSP will be prepared in accordance with the most recently adopted and applicable general industry (29 CFR 1910) and construction (29 CFR 1926) standards of the Federal Occupational Safety and Health Administration (OSHA), U.S. Department of Labor, as well as any other Federal, State, or local applicable statutes or regulations. All personnel involved in the remediation activities will adhere to the SHSP.

4.2.4 Site Restoration Plan and Remedial System Dismantling Plan

The planned EEB implementation will be performed utilizing mobile/trailer-mounted equipment and a GeoProbe® to bore directly through the ground surface. There are no structures or facilities that will require site restoration or dismantling.

4.2.4.1 Post-remedial Sampling and Monitoring

Following completion of the 12-month treatment period, confirmatory sampling will be undertaken within the six delineated zones and analyzed for VOC. The post-injection groundwater sampling will be performed directly adjacent to selected Geoprobe® boring locations from the March 1999 landfill investigation that had detections of benzene and/or CB above the respective NJDEP GWQC. The initial boring locations were surveyed using GPS; this will allow the post-injection sampling to be performed directly adjacent to the initial sampling locations. The samples will be collected at the groundwater interface to evaluate the direct impact of EEB (the primary focus of this effort). Approximately ten samples will be collected

within each of the six zones for a total of 60 confirmatory samples. The samples will be collected using standard Fort Monmouth DPW Geoprobe® sampling procedures and analyzed for VOCs + 10 (EPA SW-846 Method 8260). In addition, quarterly groundwater monitoring at the landfill and surface water monitoring along Mill Creek will be continued.

4.2.5 Remedial Action Costs

The estimated order of magnitude costs for implementation of the proposed EEB at the M-2 Landfill are provided below. The primary assumptions utilized in estimating the order of magnitude costs are as follows:

- Enzyme injection will be performed utilizing a truck-mounted GeoProbe® and mixing tank (BioBox®). There are no proposed capital costs associated with the planned remedial action. The treatment system will be removed from the site following completion of the injection program.
- All work will be performed in Level D Personnel Safety Protection. No site-specific air monitoring will be performed.
- The injection program will specifically target six areas using eight boring locations within each area, totaling 48 injection locations. A Geoprobe® rig will be used to install an array of nine temporary injection points around each selected boring location, totaling 432 injection points. The injection of the biological products will be continuous between depths of 4-8 ft bgs.
- Approximately 432 injection points will be installed utilizing a 2-stage injection of the biological enhancements. A production rate of twenty (20) injection points per day has been estimated. Based on this rate, the first stage of biological enhancements will be injected at two boring locations during one day (9 injections per location) followed by the second stage the following day.
- Periodic sampling will be performed for nutrients and dissolved oxygen and for VOC in soils.
- There are no proposed capital costs associated with the planned remedial action.
- Confirmatory groundwater samples will be analyzed for VOC in accordance with the NJ Laboratory Certification Program by the Fort Monmouth Environmental Testing Laboratory (NJDEP Certification #13461).

Estimated Order of Magnitude Costs
Proposed Enzyme-Enhanced Bioremediation

TASK	ESTIMATED COSTS
1. Plan Preparation	$ 4,200
2. Site Mobilization	$ 8,200
3. GeoProbe® Injection	$ 45,300
4. Enzyme-Enhanced Bioremediation System	$ 75,200
5. ORC application	$ 42,960 (1)

6. Demobilization	$ 1,450
7. Performance sampling during the treatment period and confirmatory sampling	$ 21,550 (2)
TOTAL ESTIMATED COSTS	$198,860

NOTES: (1) Materials cost only, does not include costs for manpower and equipment.
(2) Excludes continued performance of Fort Monmouth groundwater and surface water monitoring program.

4.2.6 Maintenance and Evaluation Schedule for Engineering and Institutional Controls

Institutional controls are in place at the M-2 Landfill (i.e., the site is located on an Army controlled installation and is surrounded on three sides with a six-foot high chain link fence and on the fourth side by Mill Creek to the north). Following completion of the proposed remedial action, the existing institutional controls will be maintained and periodic inspections performed.

4.3 PROGRESS REPORTS

As required by N.J.A.C. 7:26E-6.5(b), Remedial Action Progress (RAP) Reports will be prepared and submitted Quarterly. The RAP Reports will include the following information:

- Summary of the remedial actions accomplished during the reporting period;
- Deviations from and/or proposed modifications to the approved RAW;
- Reporting of problems/delays in the implementation of the RAW, as well as proposed corrective actions with, as applicable/appropriate, changes to the approved project schedule;
- A revised project schedule, including the status of all permit applications;
- Identification of planned remedial actions for the next reporting period;
- A listing of all types and quantities of waste generated by the remedial action during the reporting period and to date, including the name(s) of disposal facilities, and transporters' dates of disposal, and if appropriate, the manifest numbers of each waste load; and
- Supporting documentation (e.g., photographs).

In addition, on an annual basis the actual costs of remediation that have been incurred to date will be summarized and presented.

SECTION 5.0
REFERENCES

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Meisler, H., J.A. Miller, L.L. Knobel, and R.L. Wait. 1988. "Region 22, Atlantic and Eastern Gulf Coastal Plan." In: *Hydrogeology: The Geology of North America,* W. Back, J.S. Rosenhein, and P.R. Seaber, editors. Vol. 0-2. pp. 209-218.

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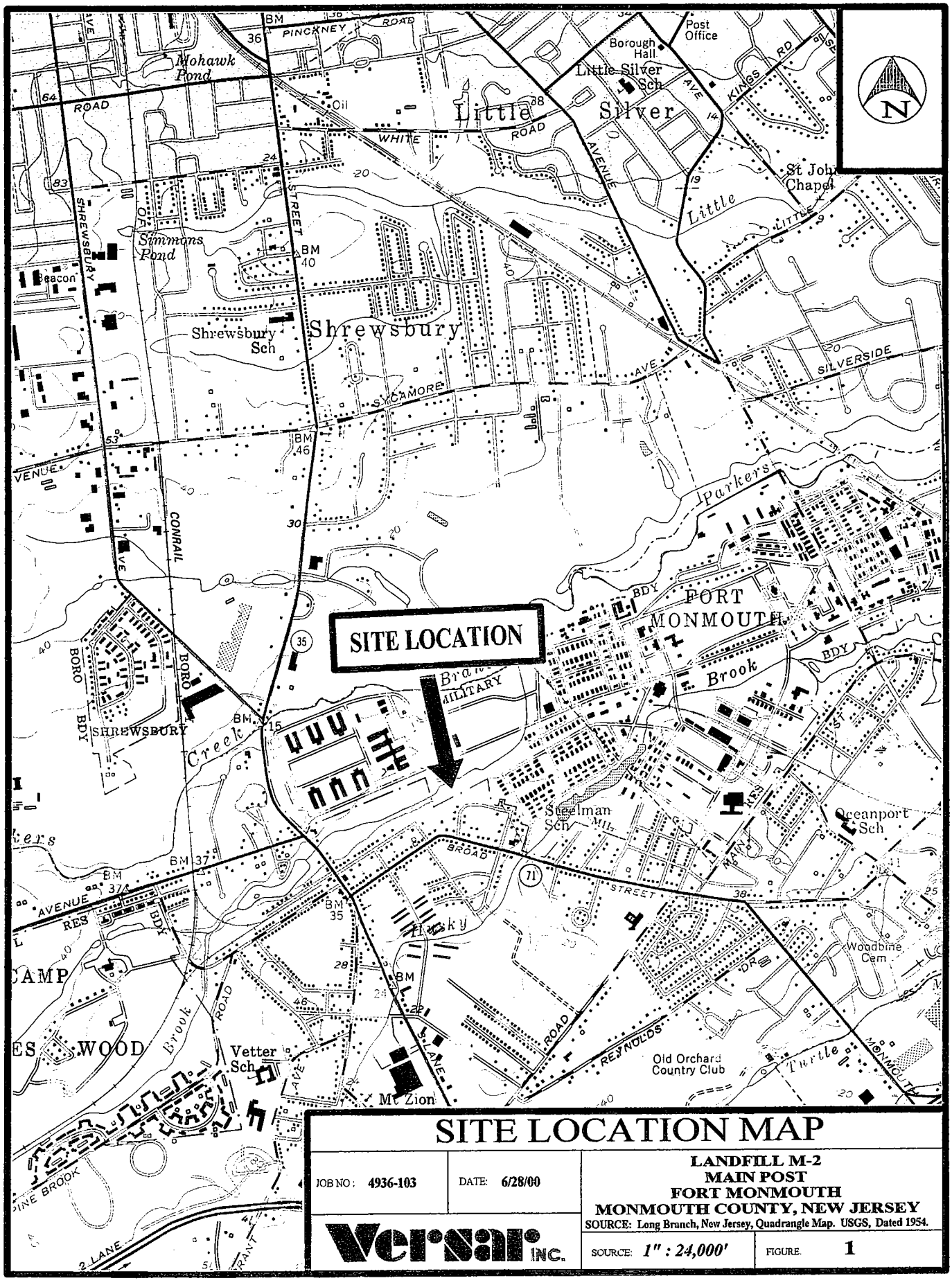
Zapecza, O. 1989. *Hydrogeologic Framework of the New Jersey Coastal Plain.* USGS Professional Paper 1404-B. U.S. Government Printing Office, Washington, DC.

FIGURES



SITE LOCATION MAP

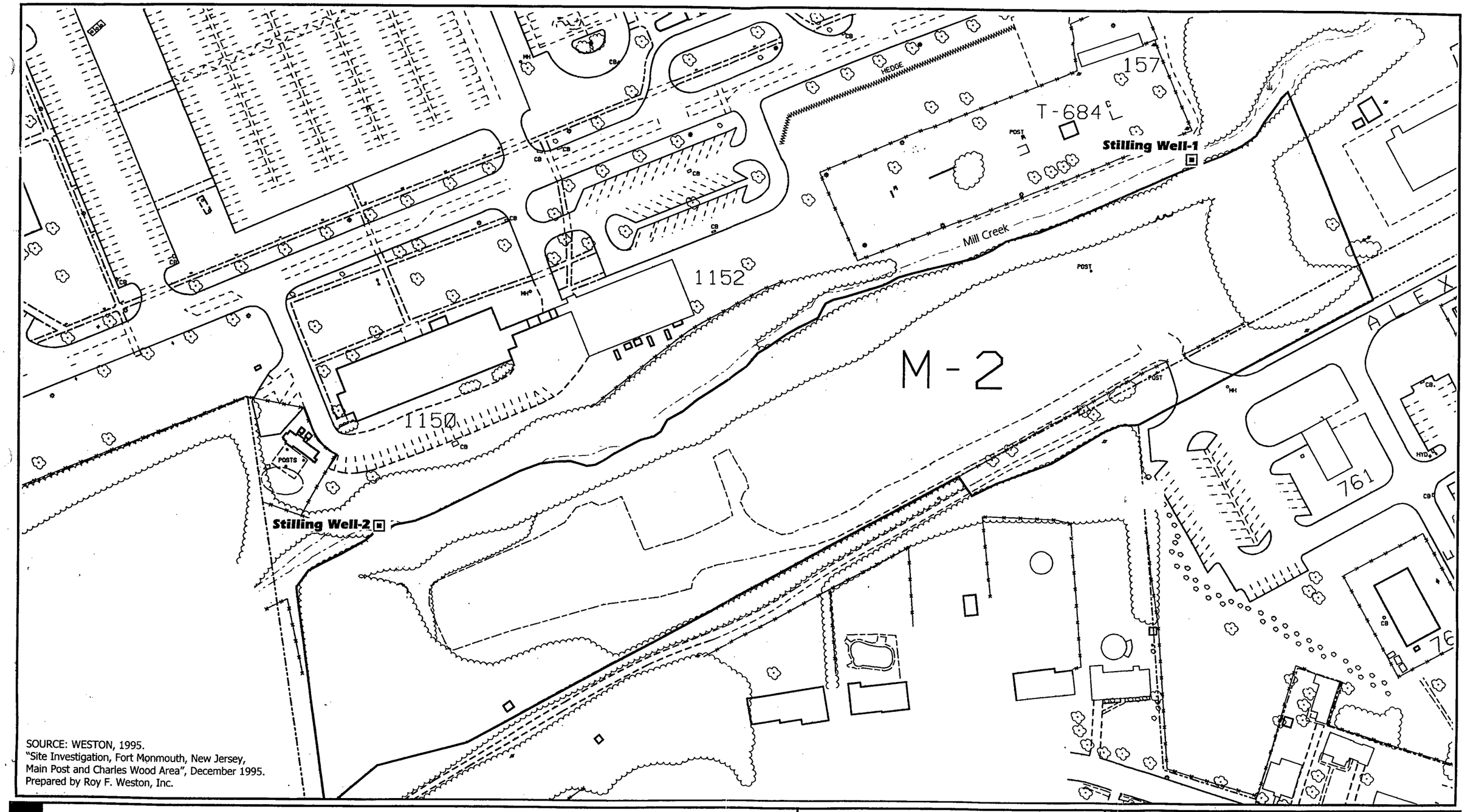
JOB NO: 4936-103	DATE: 6/28/00

LANDFILL M-2
MAIN POST
FORT MONMOUTH
MONMOUTH COUNTY, NEW JERSEY

SOURCE: Long Branch, New Jersey, Quadrangle Map. USGS, Dated 1954.

Versar INC.

SOURCE: *1" : 24,000'* | FIGURE: **1**



SOURCE: WESTON, 1995.
"Site Investigation, Fort Monmouth, New Jersey,
Main Post and Charles Wood Area", December 1995.
Prepared by Roy F. Weston, Inc.

LEGEND

- Monitor Well
- Existing Surface Water Sampling Location
- Stilling Well
- Road (paved)
- Road/Trails (unpaved)
- Fence
- Building
- Wooded Area
- Tree/Bush
- Light Pole
- Utility Pole
- Site
- Brook/Creek
- Base Boundary
- Marshy Area
- Approximate Boundary

N

0 100 200

SCALE IN FEET

95P-3183 6/23/95

Fort Monmouth, Main Post

FIGURE 2
LANDFILL 2 (M-2)

Geologic Map of New Jersey

SEDIMENTARY ROCKS

CENOZOIC

Holocene: sand

Tertiary: sand, silt, clay

MESOZOIC

Cretaceous: sand, silt, clay

Jurassic: siltstone, shale, sandstone

Triassic: siltstone, shale, sandstone

PALEOZOIC

Devonian:conglomerate,sandstone,

Silurian: conglomerate,sandstone, shale, limestone

Ordovician: shale, limestone

Cambrian: limestone, sandstone

IGNEOUS AND METAMORPHIC ROCKS

MESOZOIC

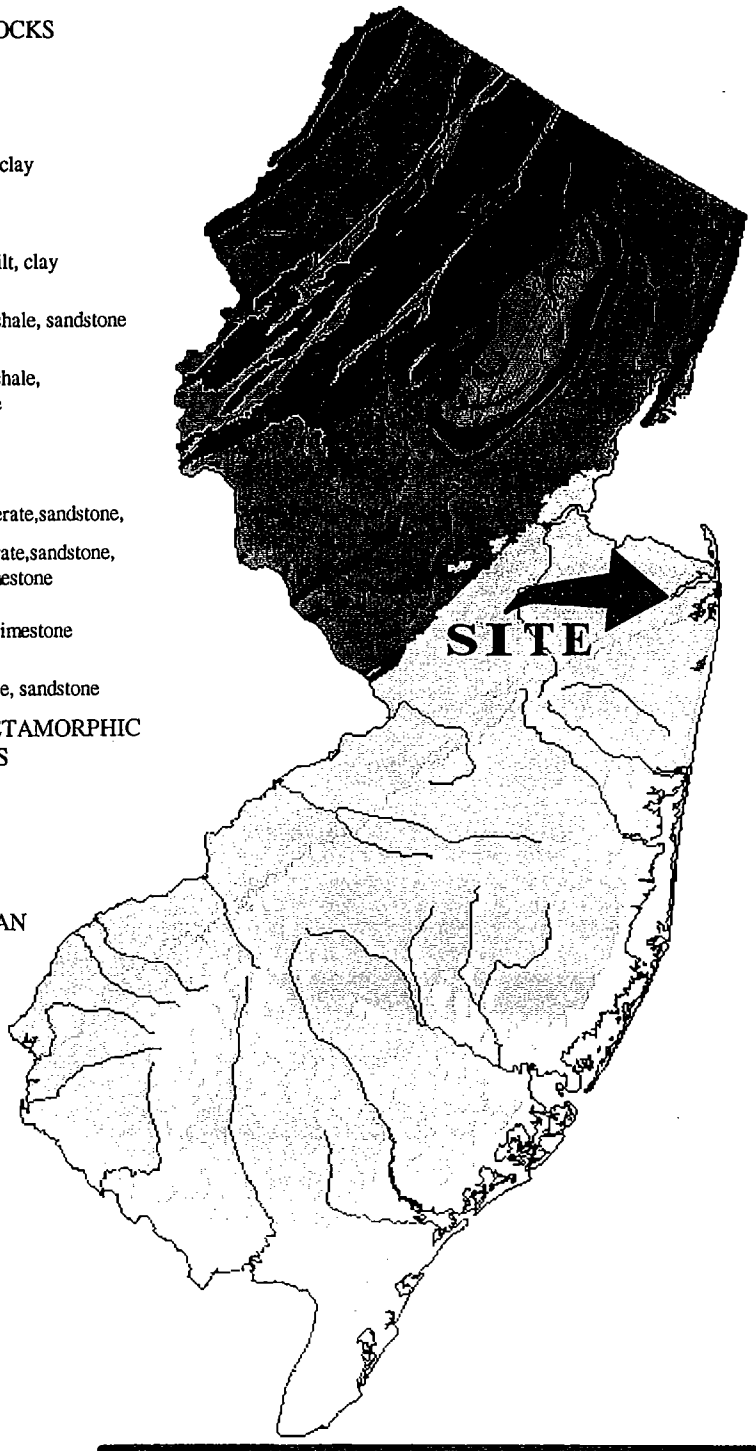
Jurassic: basalt

Jurassic: diabase

PRECAMBRIAN

marble

gneiss, granite



GEOLOGICAL MAP

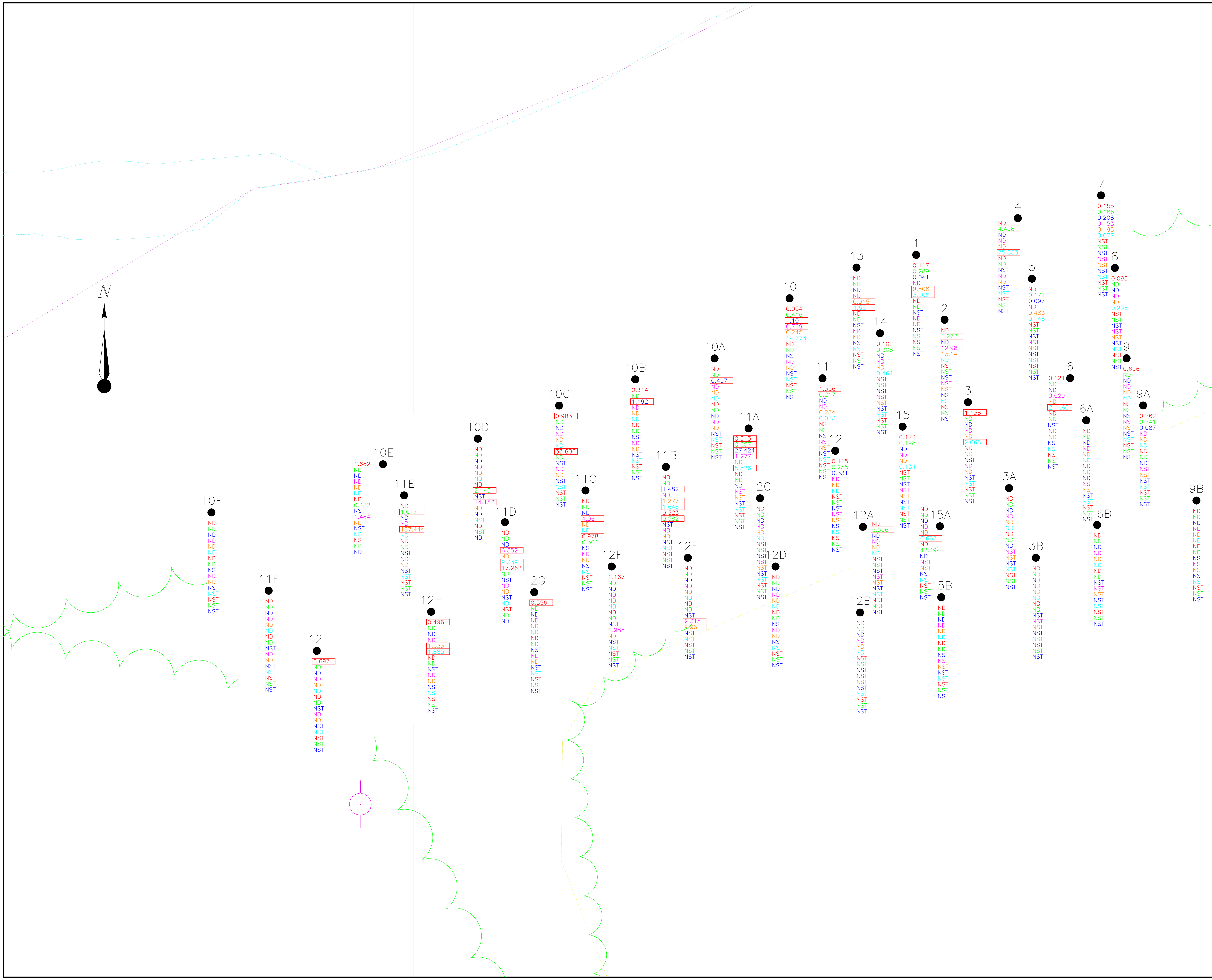
JOB NO.: 4936-103

DATE: 6/28/00

Versar INC.

GEOLOGICAL MAP OF NEW JERSEY FORT MONMOUTH MONMOUTH COUNTY, NEW JERSEY

FIGURE: 3



LEGEND

SAMPLE DEPTH	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
0–6"	0.49 (mg/Kg)
12–18"	0.49 (mg/Kg)
24–30"	0.49 (mg/Kg)
36–42"	0.49 (mg/Kg)
48–54"	0.49 (mg/Kg)
60–66"	0.49 (mg/Kg)
72–78"	0.49 (mg/Kg)
84–90"	0.49 (mg/Kg)
90–96"	0.49 (mg/Kg)
96–102"	0.49 (mg/Kg)
108–114"	0.49 (mg/Kg)
120–126"	0.49 (mg/Kg)
122–128"	0.49 (mg/Kg)
132–138"	0.49 (mg/Kg)
134–140"	0.49 (mg/Kg)
144–150"	0.49 (mg/Kg)

ROAD (PAVED)	WOODED AREA
ROAD/TRAILS (UNPAVED)	TREE/BUSH
FENCE	LIGHT POLE
BUILDING	UTILITY POLE
APPROXIMATE BOUNDARY	BROOK/CREEK
BASE BOUNDARY	MARSHY AREA

NOTES:
1.) ANALYTICAL RESULTS SHOWN AS TOTAL PCB'S IN mg/Kg (AROCHLORS 1016, 1242, 1254 AND 1260).
2.) SAMPLING DEPTH IS INDICATED IN LEGEND
3.) [red box] = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED.
6.) NST = NO SAMPLE TAKEN
7.) ● = GEOPROBE SAMPLING LOCATION.

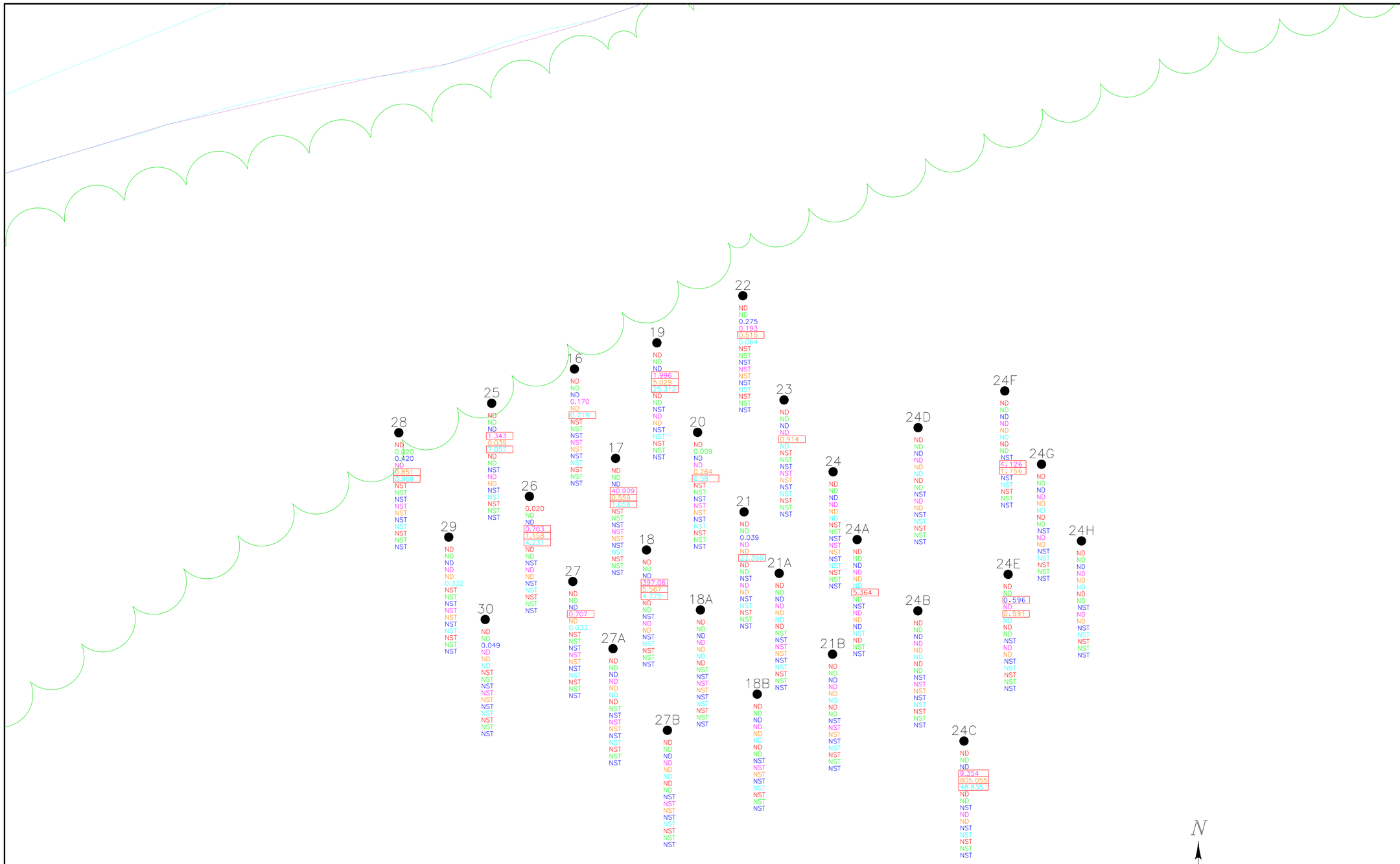
REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:
FIGURE 4
M–2 LANDFILL
FORT MONMOUTH, NEW JERSEY
PCB GEOPROBE® SOIL INVESTIGATION RESULTS

DRAWN BY: JMM	DATE DRAWN: 26 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

DRAWING No.: M2–PCB SOIL
FILE No.: M2–PCB SOIL
SCALE: 1" = 4'
SHEET 1 OF 2 REV.: B



LEGEND

SAMPLE DEPTH	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
0–6"	0.49 (mg/Kg)
12–18"	0.49 (mg/Kg)
24–30"	0.49 (mg/Kg)
36–42"	0.49 (mg/Kg)
48–54"	0.49 (mg/Kg)
60–66"	0.49 (mg/Kg)
72–78"	0.49 (mg/Kg)
84–90"	0.49 (mg/Kg)
90–96"	0.49 (mg/Kg)
96–102"	0.49 (mg/Kg)
108–114"	0.49 (mg/Kg)
122–128"	0.49 (mg/Kg)
120–126""	0.49 (mg/Kg)
132–138"	0.49 (mg/Kg)
134–140"	0.49 (mg/Kg)
144–150"	0.49 (mg/Kg)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE	—×—	LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) ANALYTICAL RESULTS SHOWN AS TOTAL PCB'S IN mg/Kg (AROCHLORS 1016, 1242, 1254 AND 1260).
2.) SAMPLING DEPTH IS INDICATED IN LEGEND.
3.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED.
6.) NST = NO SAMPLE TAKEN
7.) ● = GEOPROBE SAMPLING LOCATION.

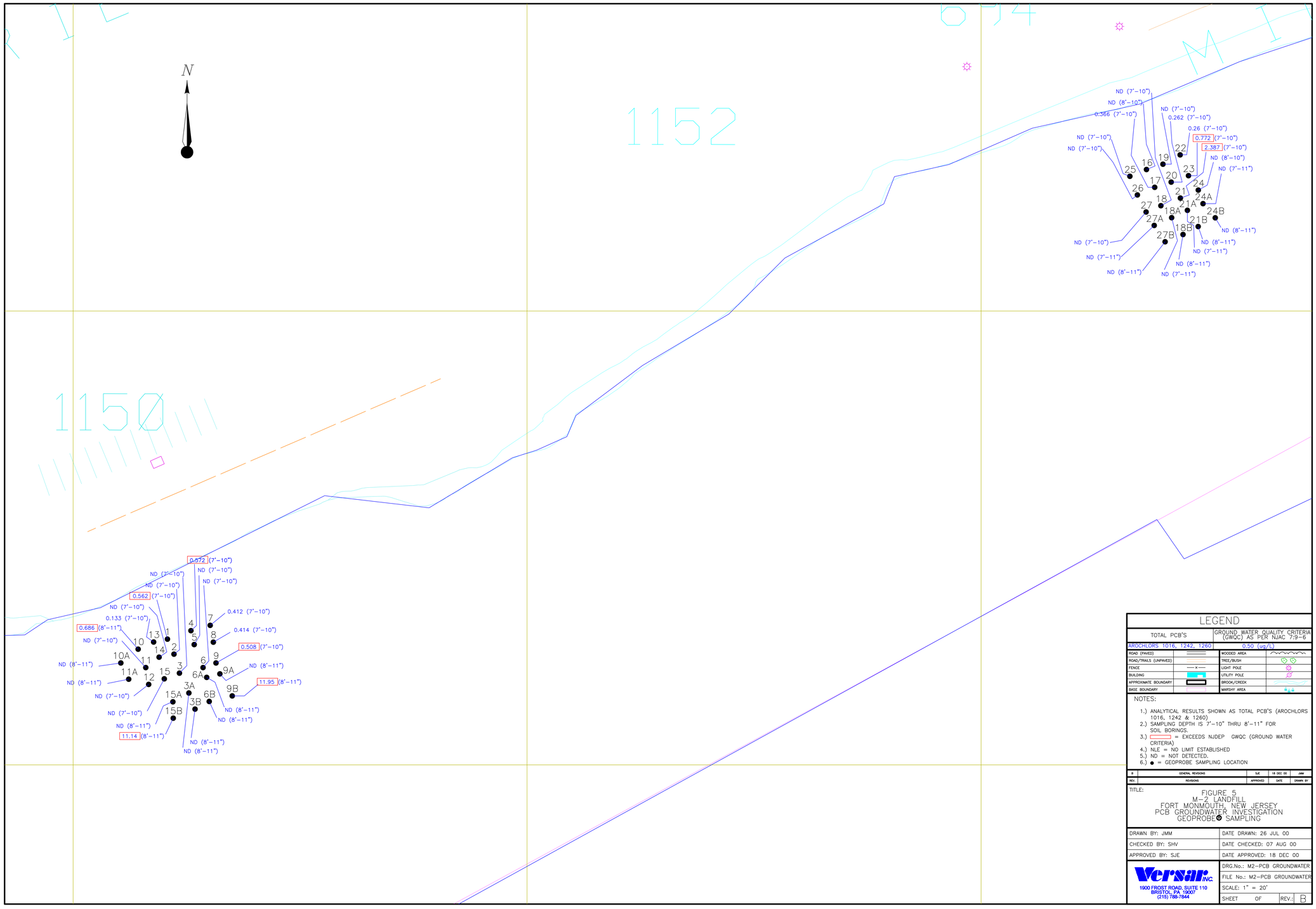
REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 4B
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
PCB GEOPROBE● SOIL INVESTIGATION RESULTS

DRAWN BY: JMM	DATE DRAWN: 26 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00
	DRAWING No.: M2-PCB SOIL
	FILE No.: M2-PCB SOIL
	SCALE: 1" = 4'
	SHEET 2 OF 2 REV.: B

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844



LEGEND

TOTAL PCB'S	GROUND WATER QUALITY CRITERIA (GWQC) AS PER NJAC 7:9-6
AROCHLORS 1016, 1242, 1260	0.50 (ug/L)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE	—×—	LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) ANALYTICAL RESULTS SHOWN AS TOTAL PCB'S (AROCHLORS 1016, 1242 & 1260)
2.) SAMPLING DEPTH IS 7'-10" THRU 8'-11" FOR SOIL BORINGS.
3.) ▭ = EXCEEDS NJDEP GWQC (GROUND WATER CRITERIA)
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED.
6.) ● = GEOPROBE SAMPLING LOCATION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 5
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
PCB GROUNDWATER INVESTIGATION
GEOPROBE® SAMPLING

DRAWN BY: JMM	DATE DRAWN: 26 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA. 19007
(215) 788-7644

DRG.No.: M2-PCB GROUNDWATER	
FILE No.: M2-PCB GROUNDWATER	
SCALE: 1" = 20'	
SHEET OF	REV.: B

MEMORIES

1152

1150

1151

694

T-693

T-684

687

MILL CREEK

761

HEDGE

POST

POSTS

MH

CB

HYD

N

LEGEND

VOLATILES	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
CHLOROBENZENE	37 (mg/kg)
BENZENE	3 (mg/kg)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE	—x—	LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) ● = GEOPROBE SAMPLING LOCATION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	ADDED INFO TO BORE 65 AND GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 6
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
RESULTS OF GEOPROBE® SOIL INVESTIGATION-VOC

DRAWN BY: JMM	DATE DRAWN: 29 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: JMM	DATE APPROVED: 18 DEC 00
	DRAWING No.: M2-BENZENE SOIL
	FILE No.: M2-BENZENE SOIL
	SCALE: 1" = 30'
	SHEET OF REV.: B

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

LEGEND

VOLATILES	NJDEP GROUNDWATER QUALITY CRITERIA
CHLOROBENZENE	4 (ug/l)
BENZENE	1 (ug/l)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE	—X—	LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) [ ] = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) ● = GEOPROBE SAMPLING LOCATION.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	ADDED BORE 59A AND INFORMATION AND GENERAL REVISIONS	SJE	18 DEC 00	JMM

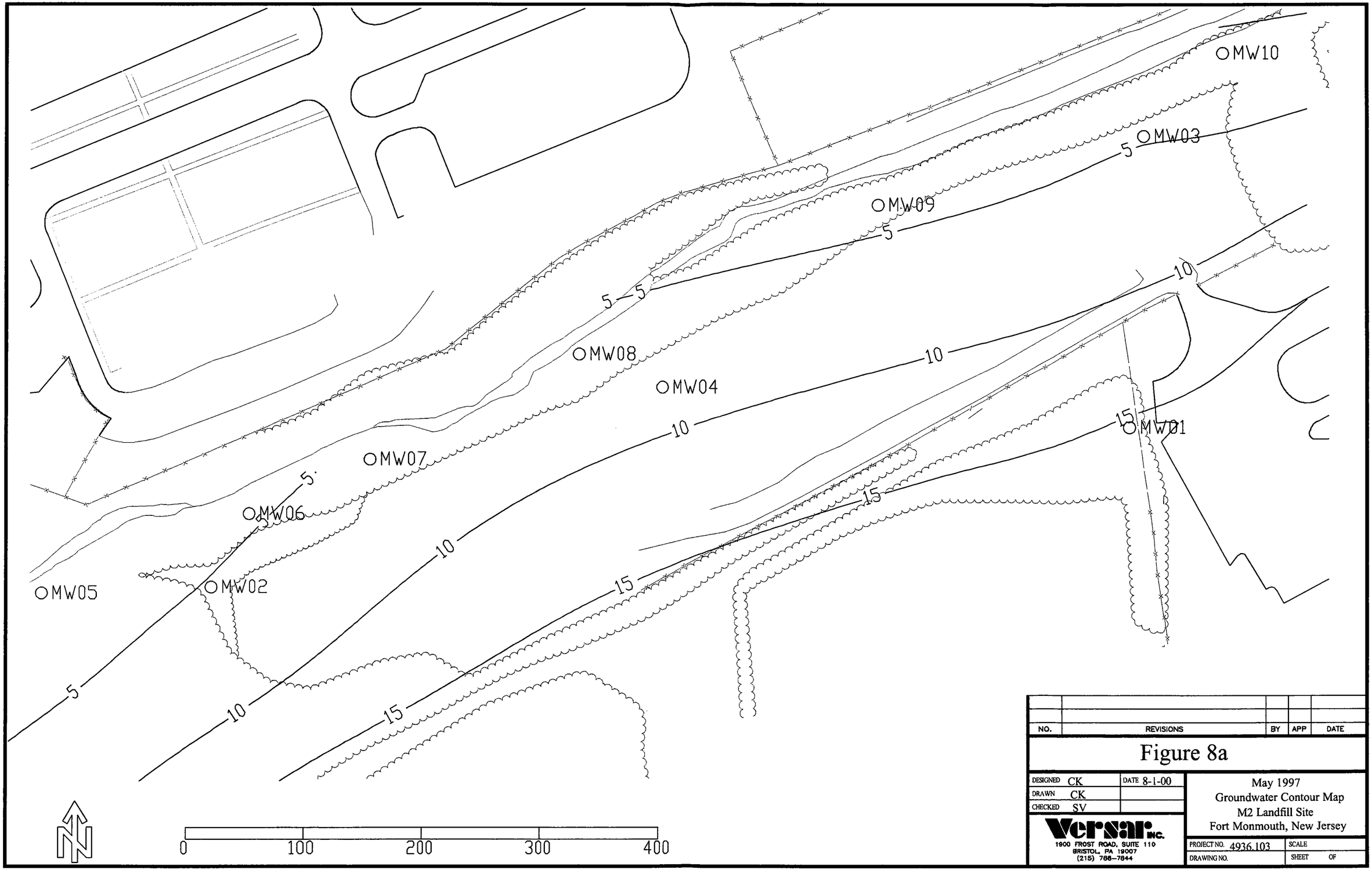
TITLE:

FIGURE 7
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
MARCH 1999 - GEOPROBE
GROUNDWATER INVESTIGATION

DRAWN BY: JMM	DATE DRAWN: 29 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

Versar INC.
2558 PEARL BUCK ROAD, SUITE 1
BRISTOL, PA 19007
(215) 788-7844

DRG. No.: M2-BENZENE GROUNDWATER	
FILE No.: M2-BENZENE GROUNDWATER	
SCALE: 1" = 30'	
SHEET OF	REV.: B



NO.	REVISIONS	BY	APP	DATE

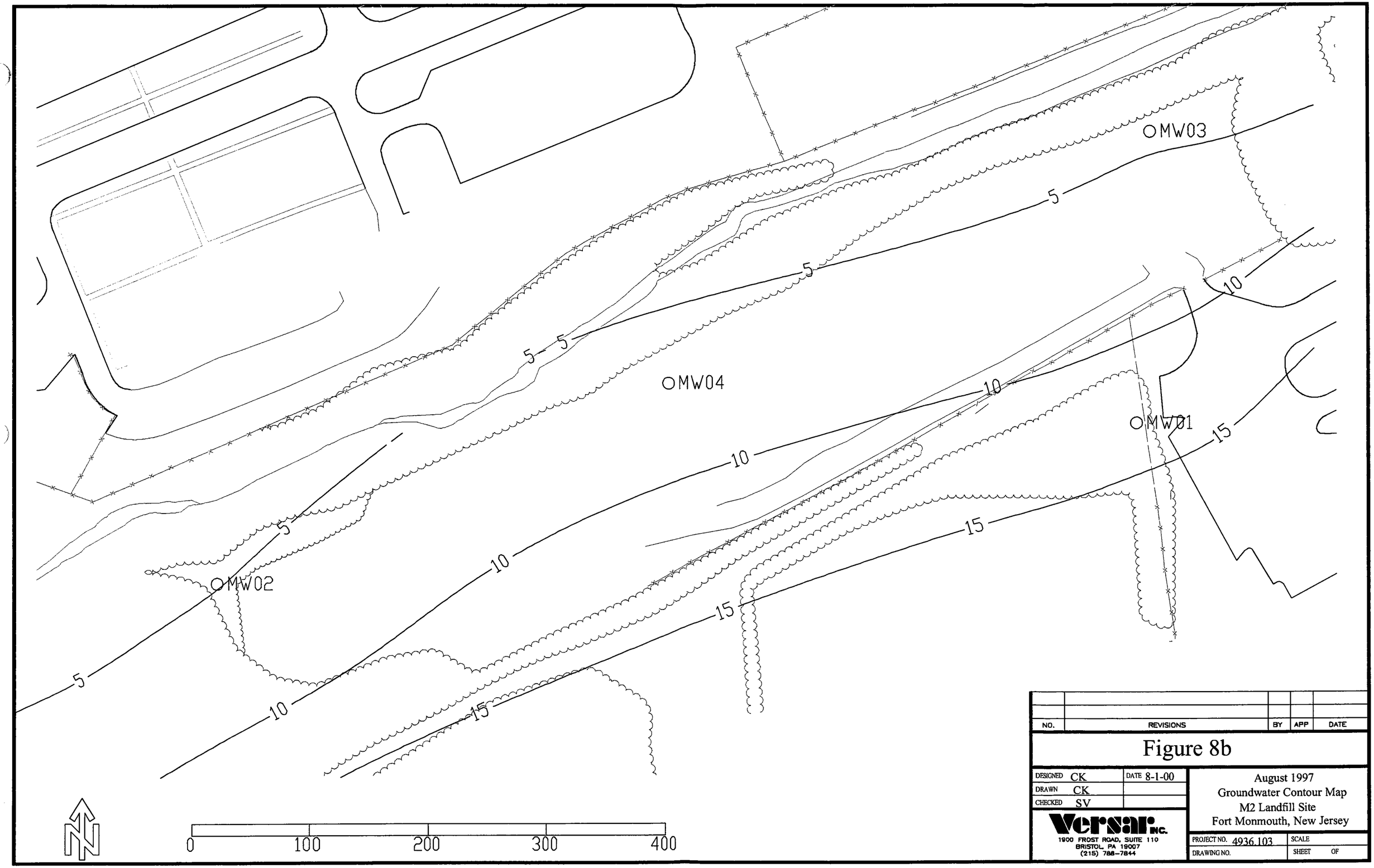
Figure 8a

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

May 1997
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

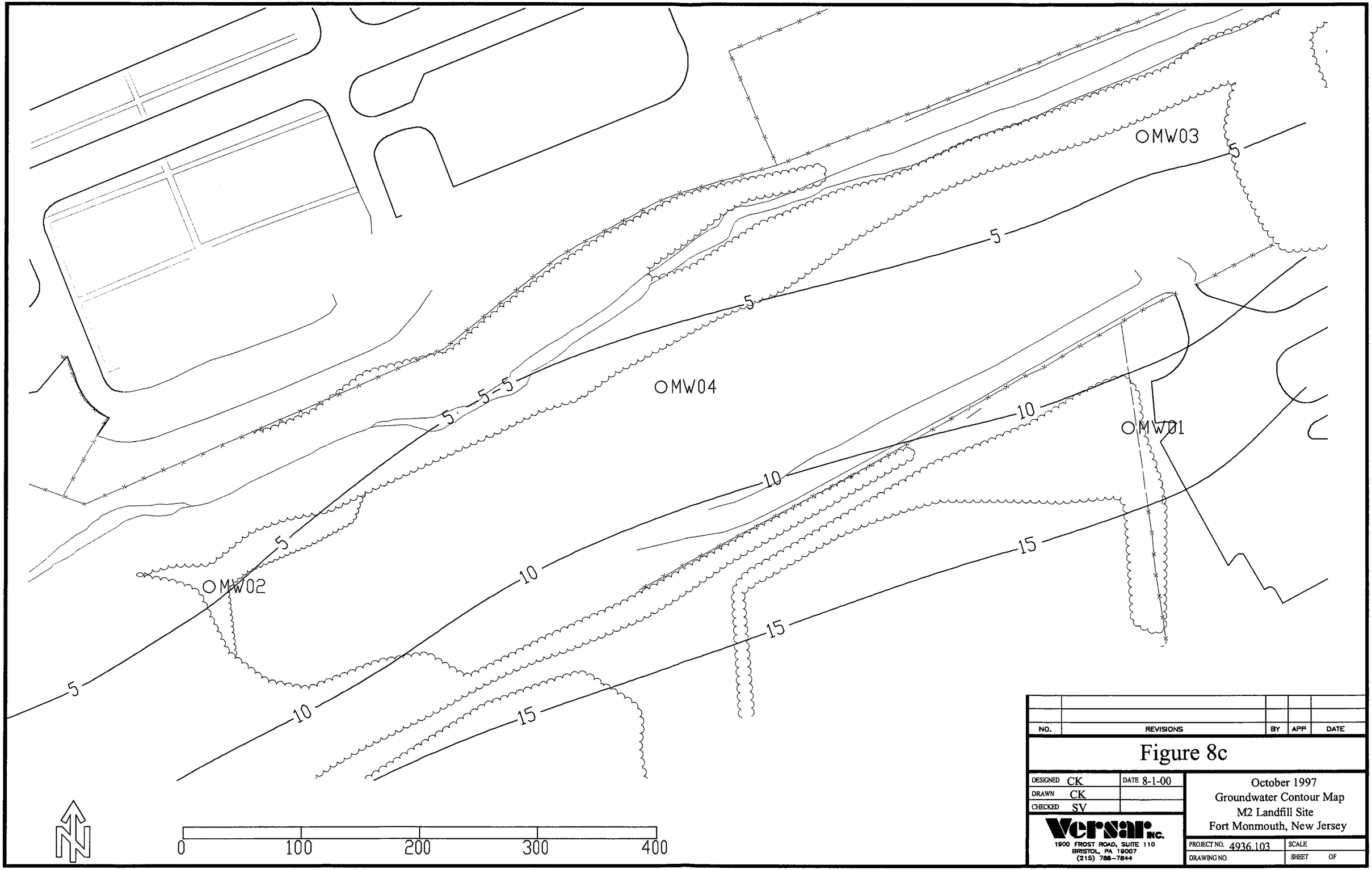
Figure 8b

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

August 1997
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

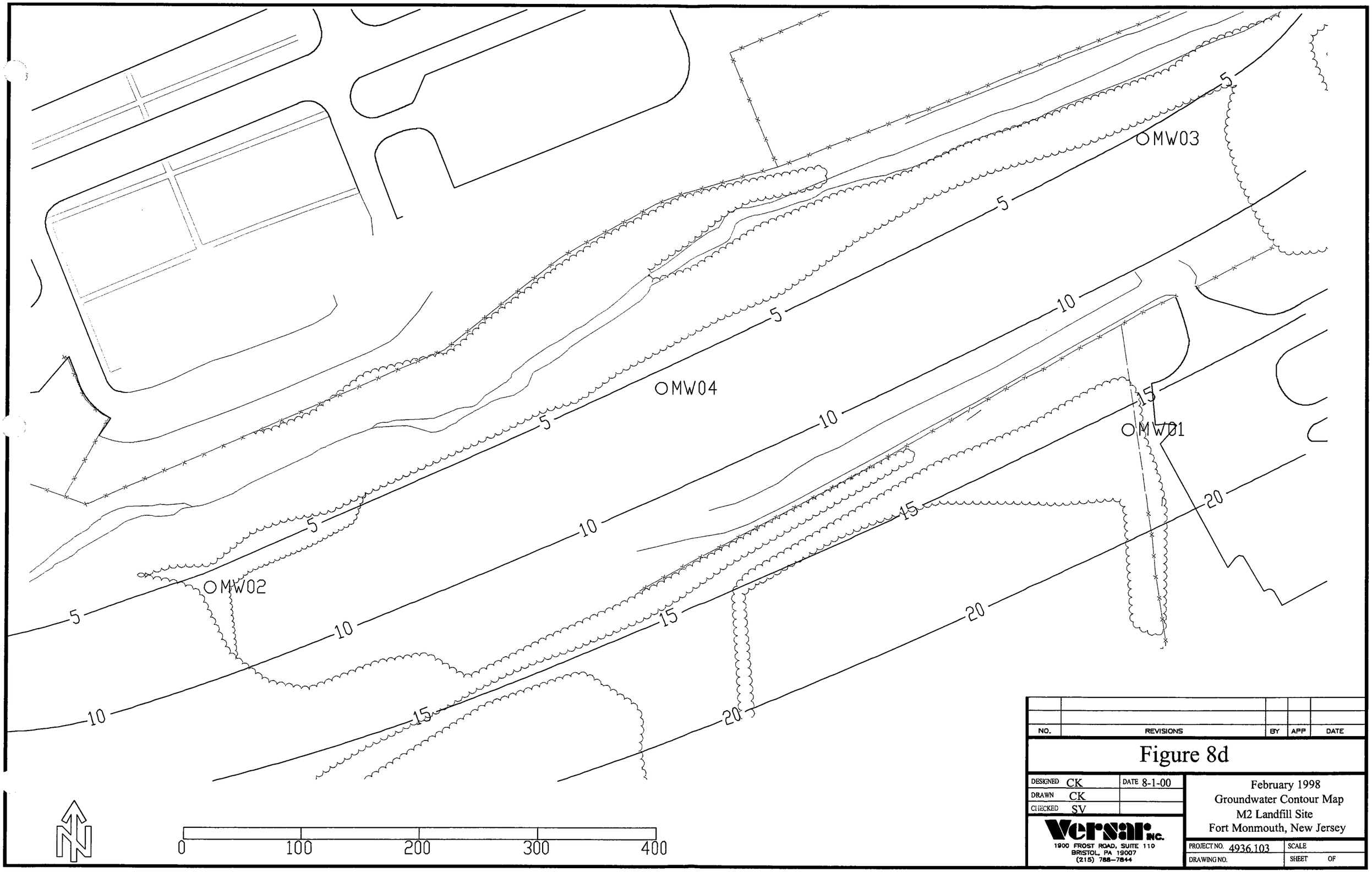
Figure 8c

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

October 1997
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



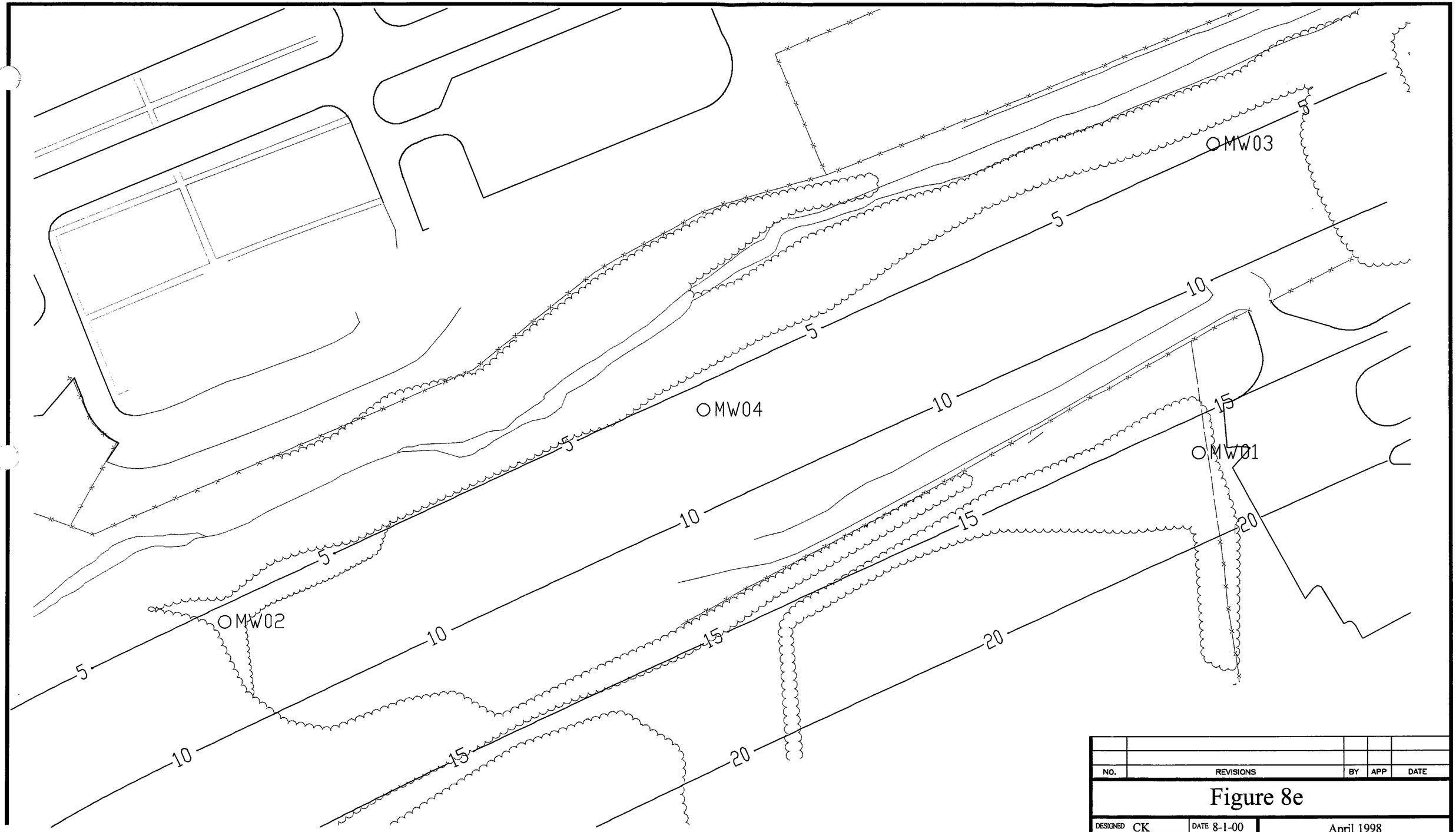
NO.	REVISIONS	BY	APP	DATE

Figure 8d

DESIGNED CK	DATE 8-1-00	February 1998 Groundwater Contour Map M2 Landfill Site Fort Monmouth, New Jersey
DRAWN CK		
CHECKED SV		

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

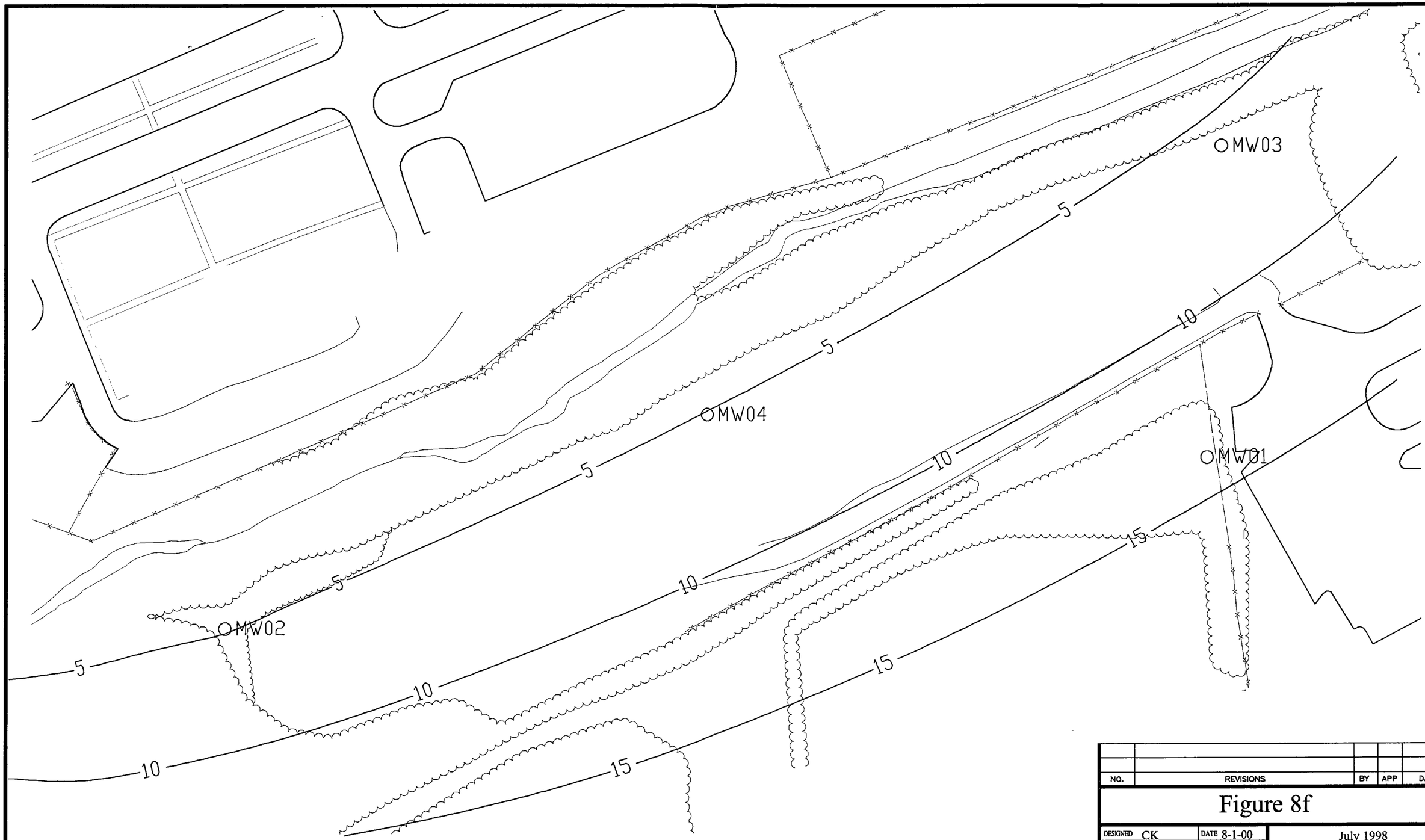
Figure 8e

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

April 1998
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

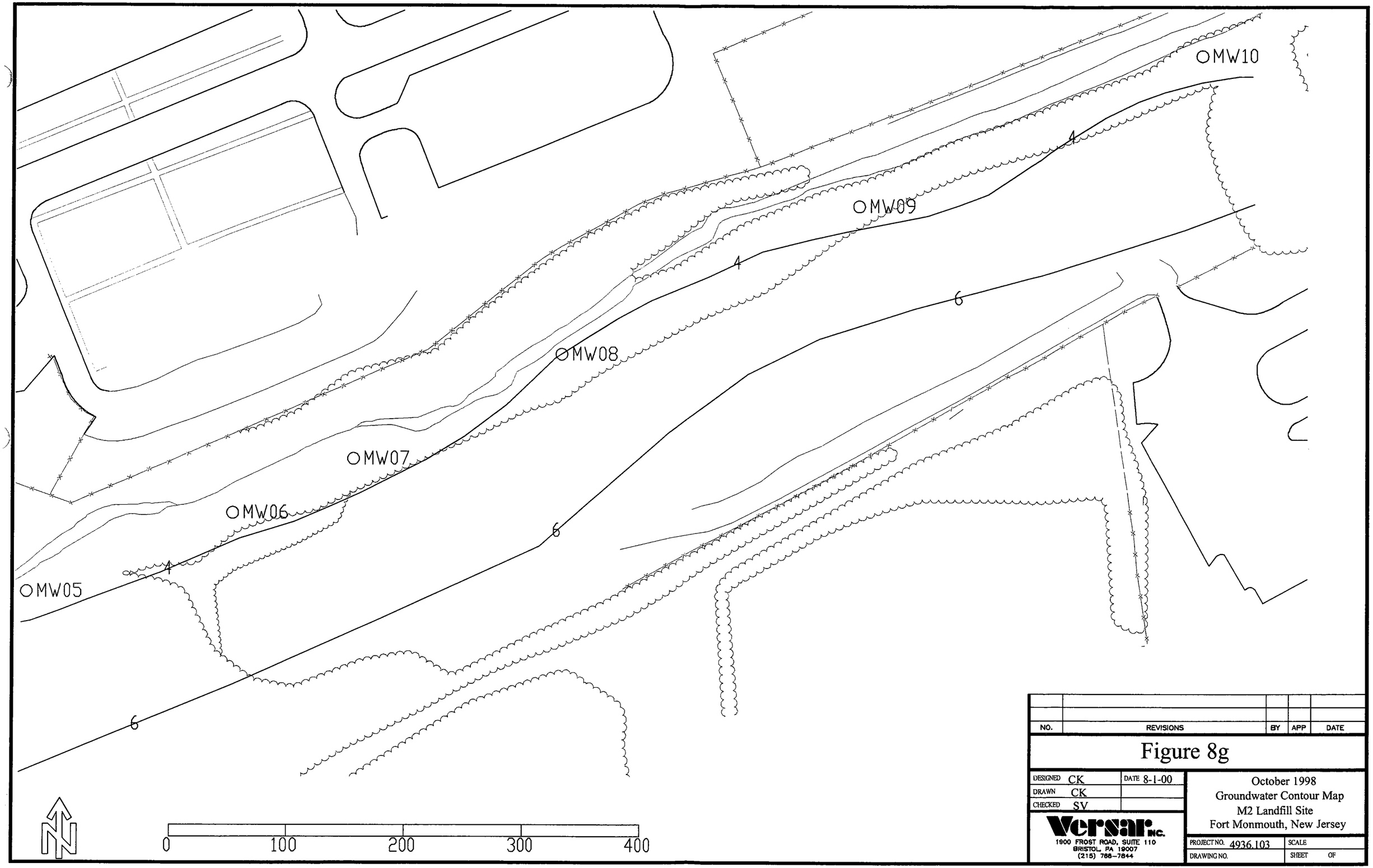
Figure 8f

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

July 1998
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

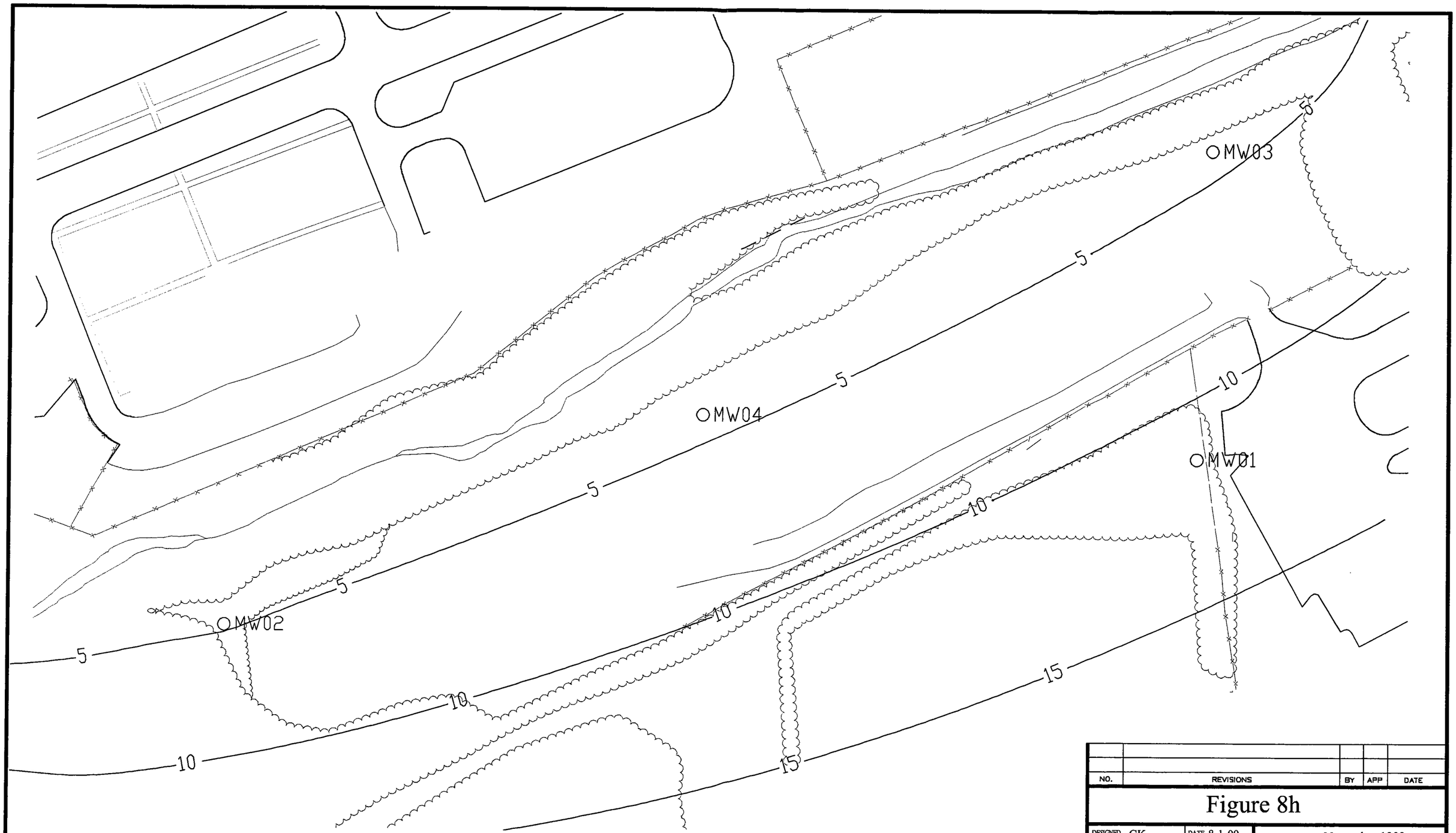
Figure 8g

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

October 1998
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

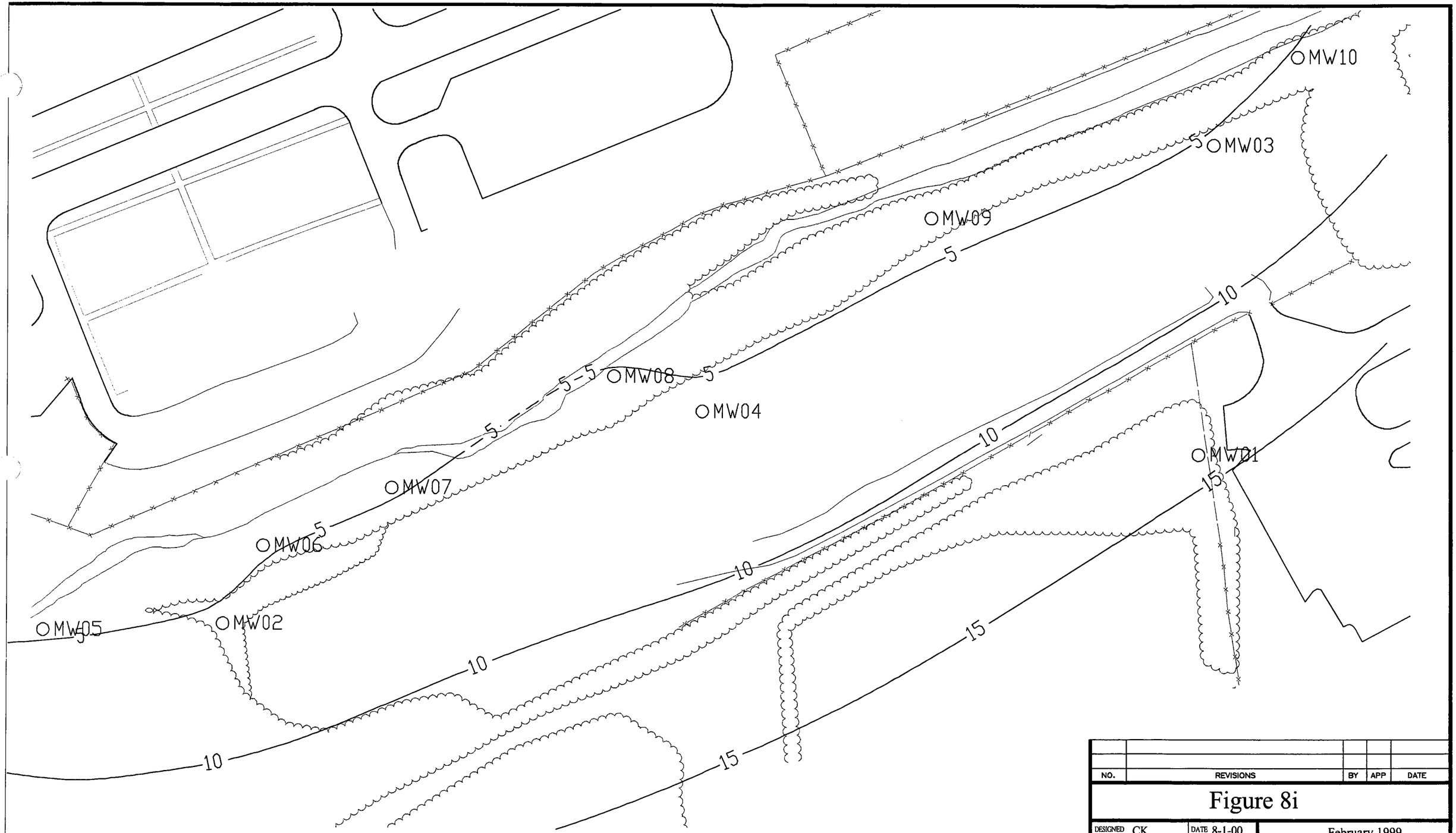
Figure 8h

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

November 1998
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

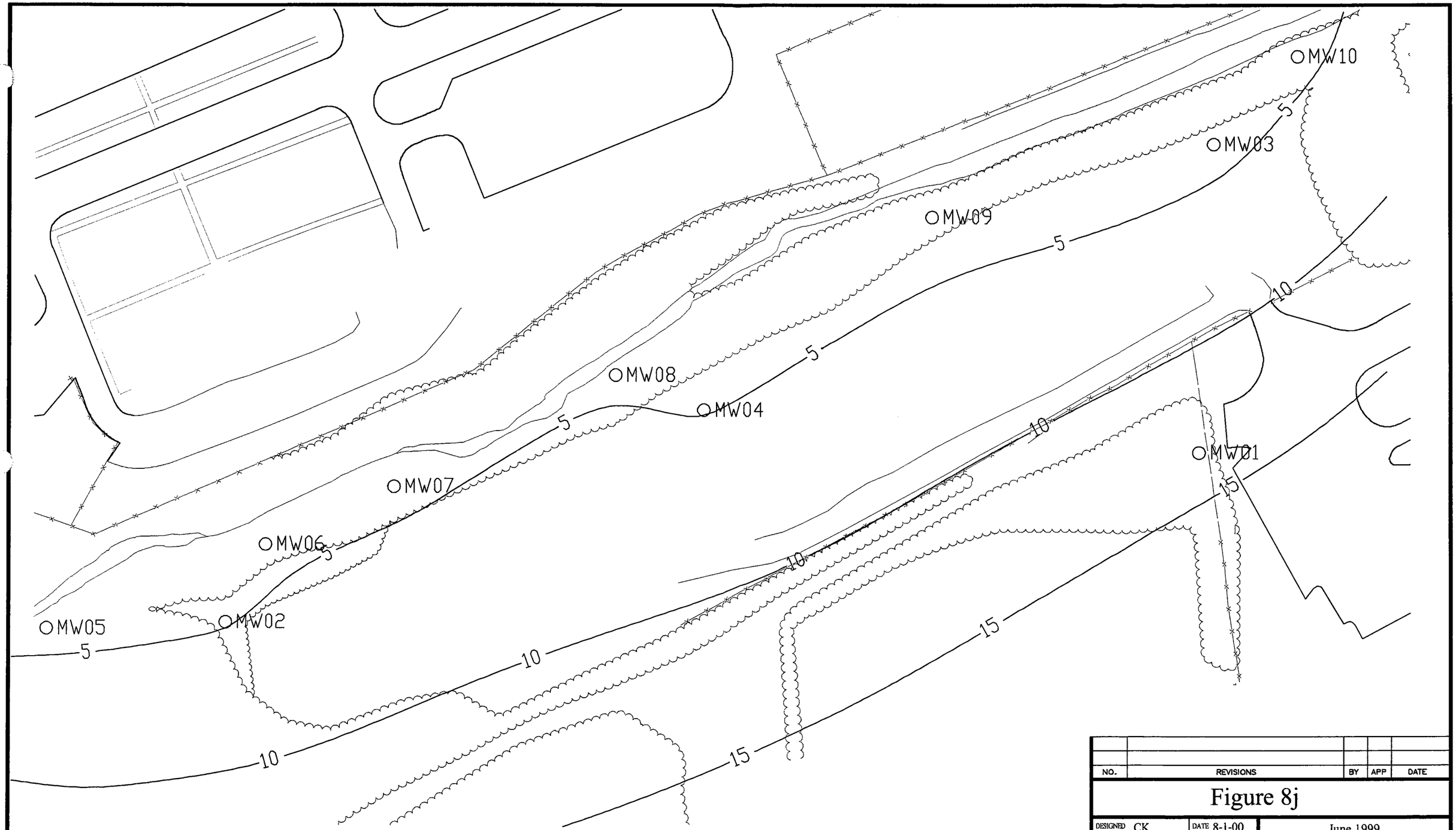
Figure 8i

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

February 1999
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

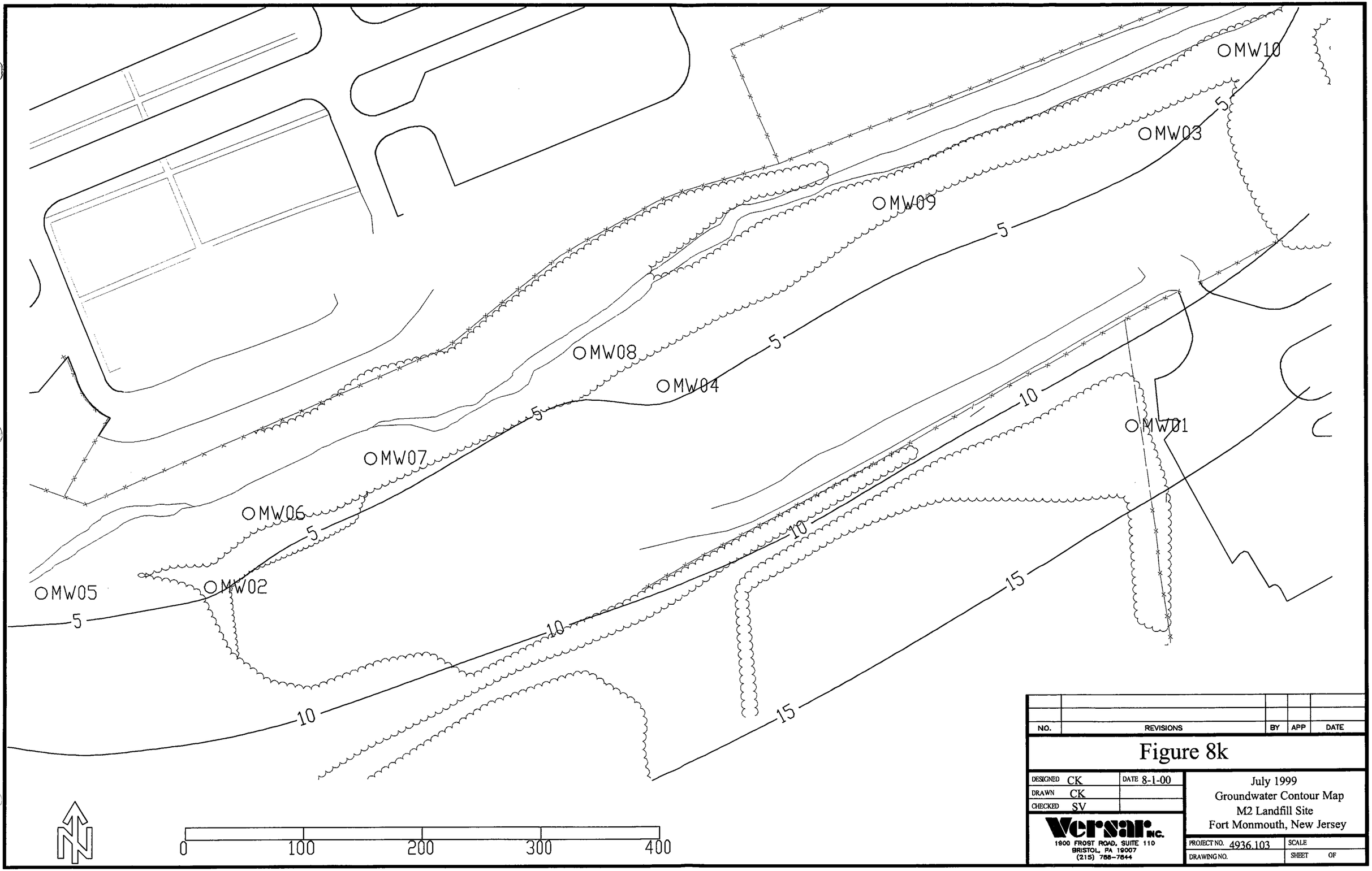
Figure 8j

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

June 1999
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

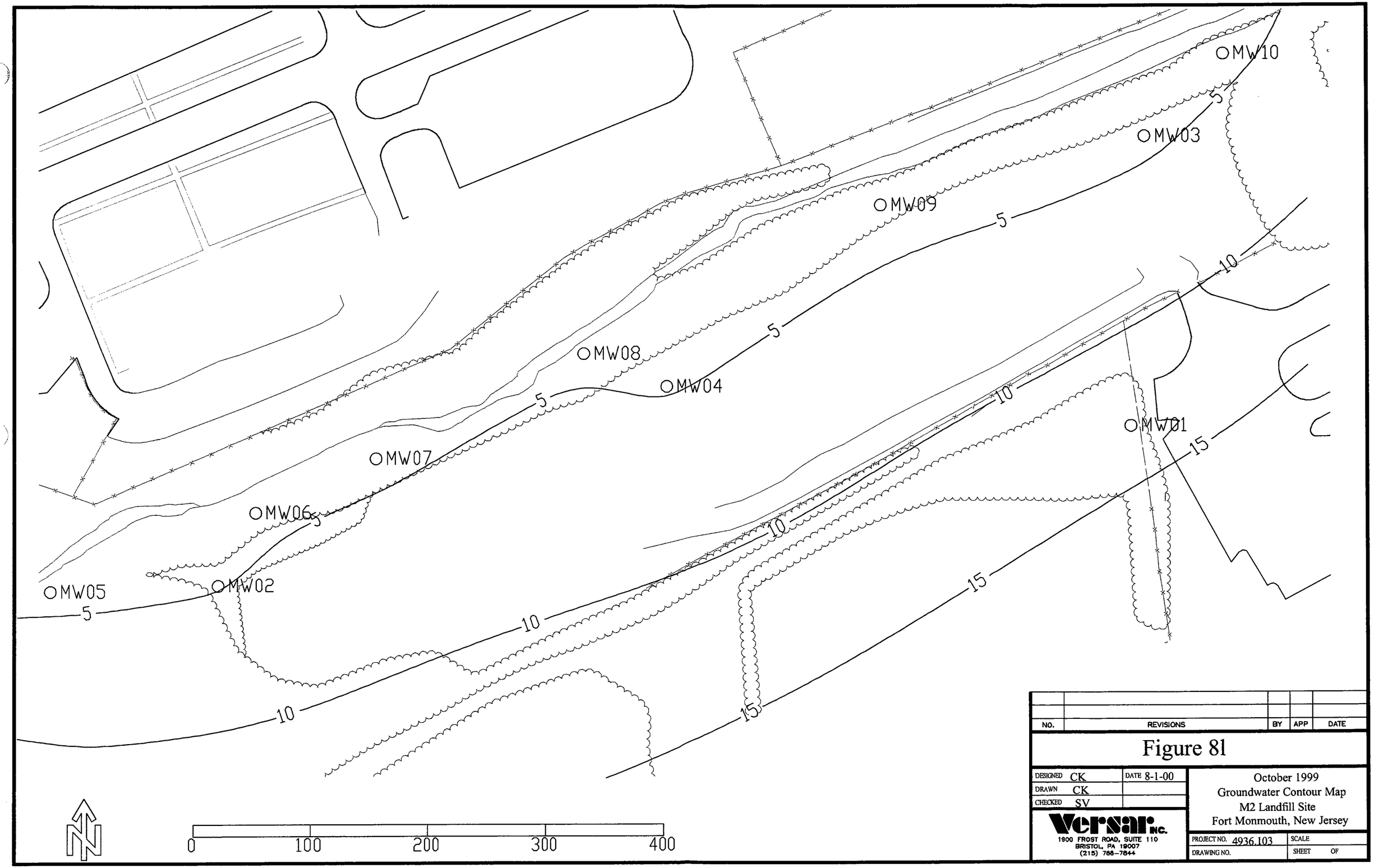
Figure 8k

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

July 1999
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

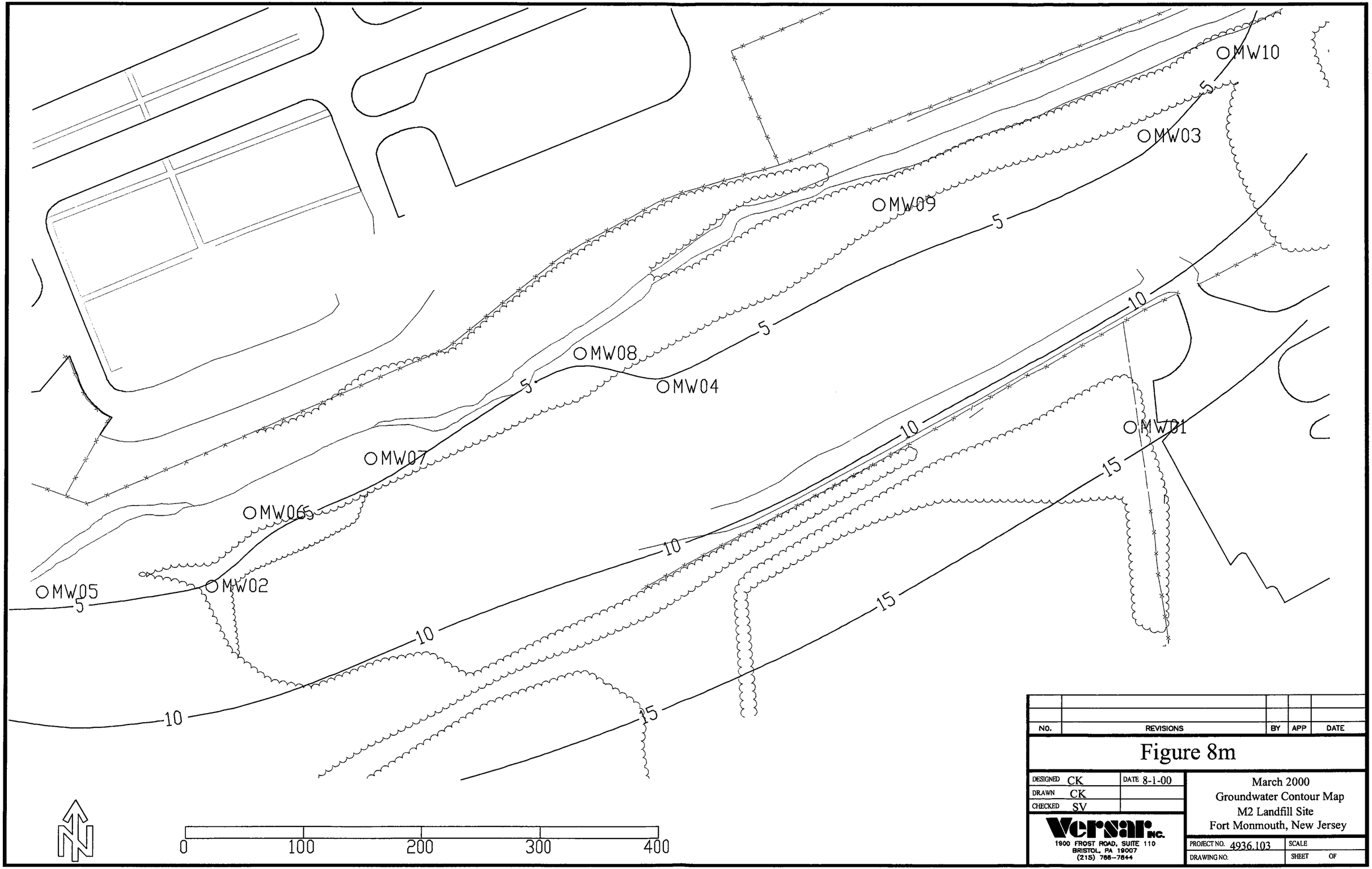
Figure 81

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

October 1999
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

Versar Inc.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



NO.	REVISIONS	BY	APP	DATE

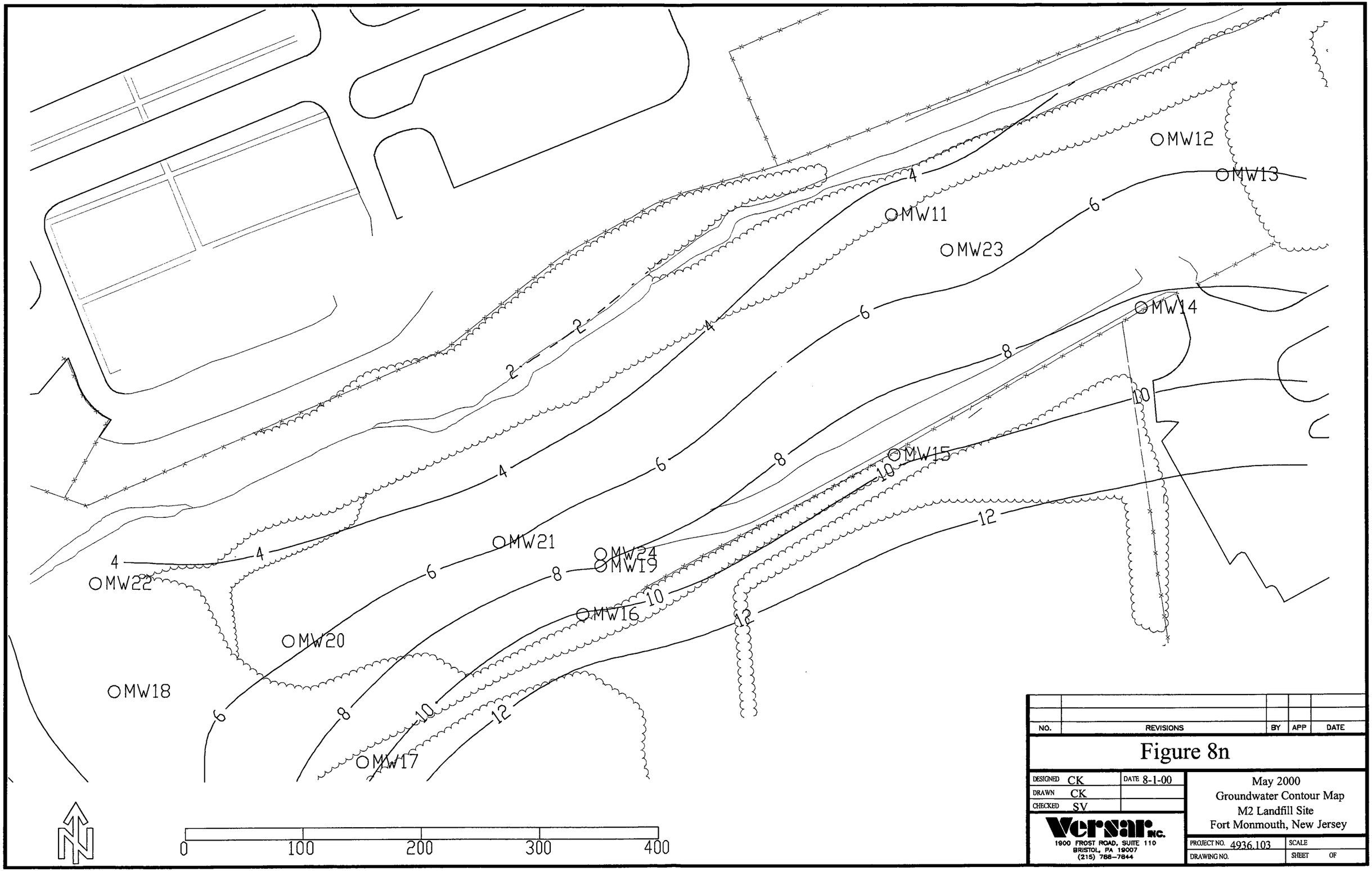
Figure 8m

DESIGNED CK	DATE 8-1-00
DRAWN CK	
CHECKED SV	

Versar Inc.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

March 2000
Groundwater Contour Map
M2 Landfill Site
Fort Monmouth, New Jersey

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



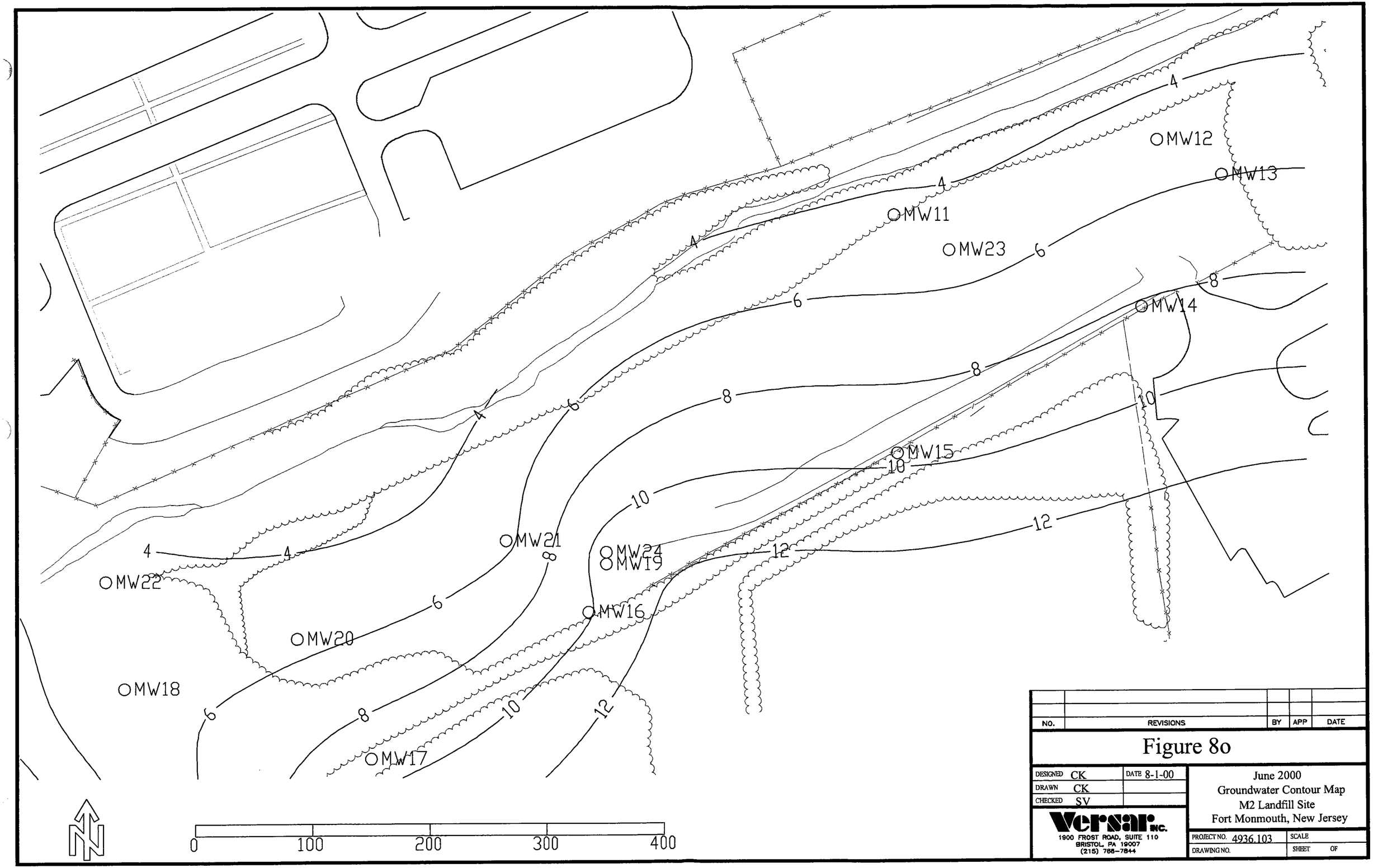
NO.	REVISIONS	BY	APP	DATE

Figure 8n

DESIGNED CK	DATE 8-1-00	May 2000 Groundwater Contour Map M2 Landfill Site Fort Monmouth, New Jersey
DRAWN CK		
CHECKED SV		

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



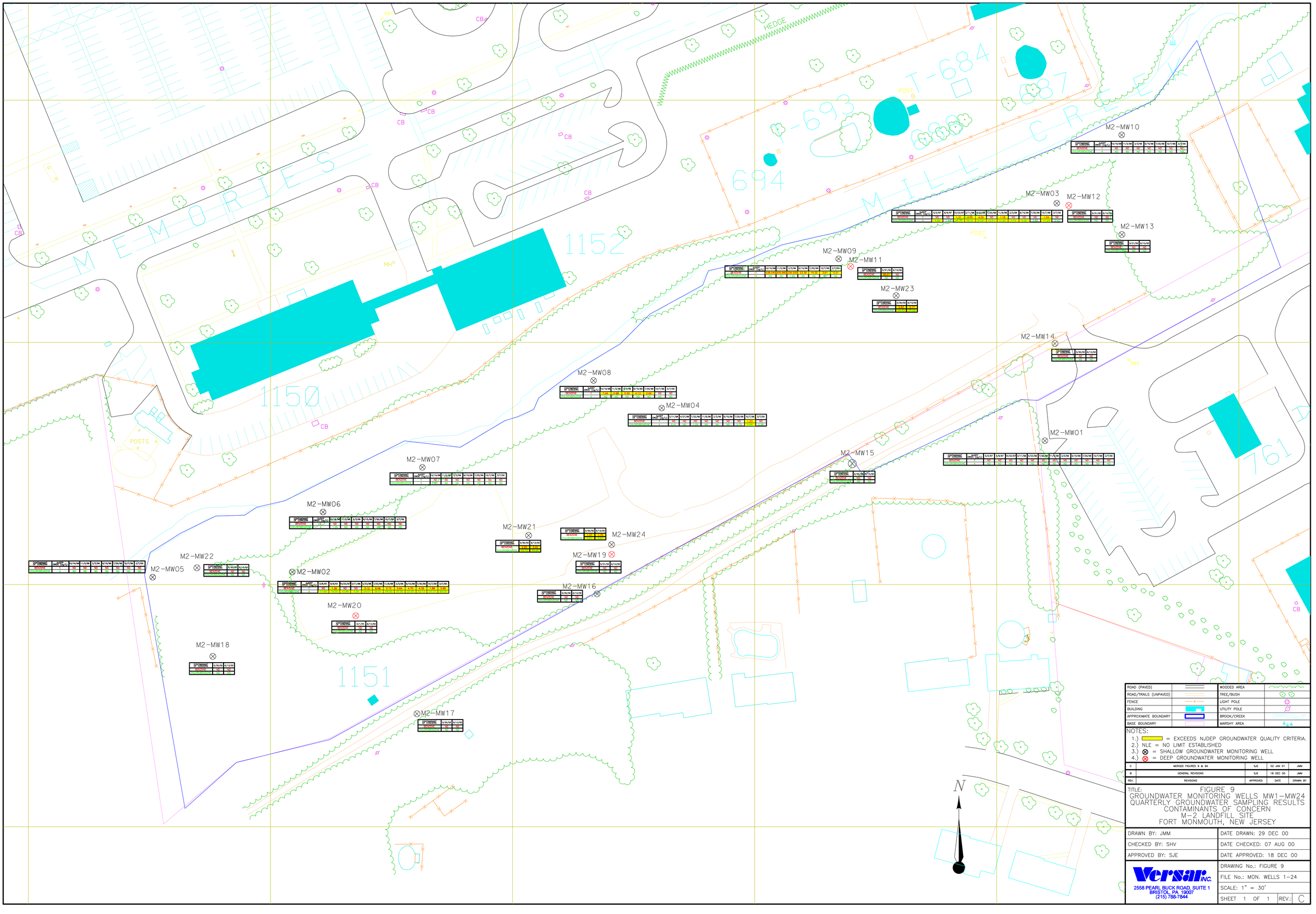
NO.	REVISIONS	BY	APP	DATE

Figure 8o

DESIGNED CK	DATE 8-1-00	June 2000 Groundwater Contour Map M2 Landfill Site Fort Monmouth, New Jersey
DRAWN CK		
CHECKED SV		

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT NO. 4936.103	SCALE
DRAWING NO.	SHEET OF



ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE		LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

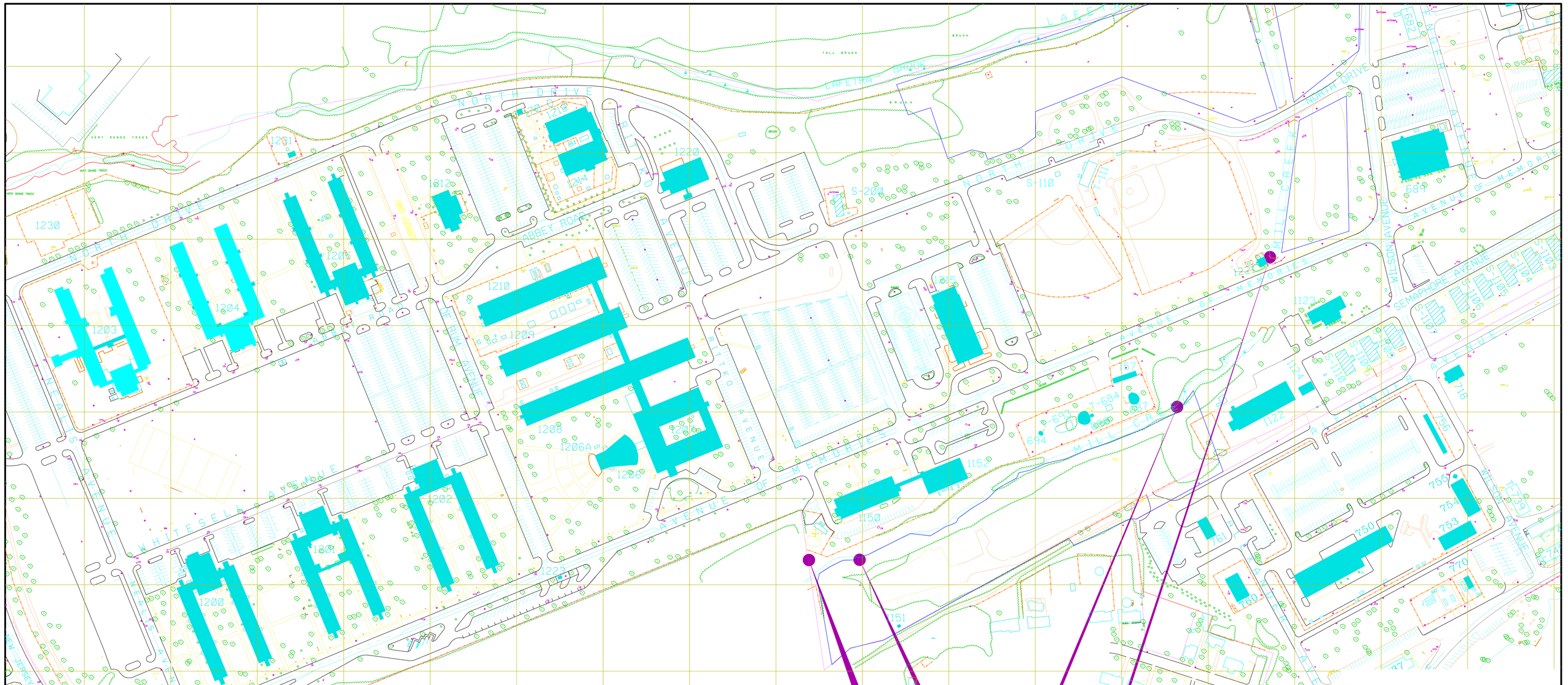
1.) = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
2.) NLE = NO LIMIT ESTABLISHED
3.) ⊗ = SHALLOW GROUNDWATER MONITORING WELL
4.) ⊗ = DEEP GROUNDWATER MONITORING WELL

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
C	MERGED FIGURES 9 & 9A	SJE	02 JAN 01	JMM
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:
FIGURE 9
GROUNDWATER MONITORING WELLS MW1-MW24
QUARTERLY GROUNDWATER SAMPLING RESULTS
CONTAMINANTS OF CONCERN
M-2 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 29 DEC 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00
	DRAWING No.: FIGURE 9
	FILE No.: MON. WELLS 1-24
	SCALE: 1" = 30'
	SHEET 1 OF 1 REV.: C

Versar INC.
2558 PEARL BUCK ROAD, SUITE 1
BRISTOL, PA 19007
(215) 788-7844



15

Sample Date	10/8/96	11/25/96	12/12/96	1/29/97	2/26/97	3/10/97	4/8/97	7/17/97	10/30/97	2/10/98	4/21/98	8/19/98	11/18/98	2/25/99	6/29/99	9/21/99	12/8/99	3/1/00	6/12/00
Acetone	NA	NA	NA	4.22	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND
cis-1,2-Dichloroethene	NA	NA	NA	1.57	1.46	ND	2.69	5.53	2.57	ND	1.22	3.89	ND	ND	4.17	3.59	ND	1.39	ND
Methylene chloride	3.86 B	2.98 B	5.81	2.65	NO	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.38	ND
Tetrachloroethene (PCE)	8.41	10.38	5.63	5.08	7.84	3.39	6.00	7.11	2.72	6.93	5.72	5.39	ND	7.33	7.86	2.61	4.08	6.85	5.94
Trichloroethene (TCE)	2.58	2.54	1.31	1.33	NO	ND	1.60	2.50	ND	1.03	1.21	2.06	ND	ND	2.40	1.37	ND	1.39	ND

23

Sample Date	6/12/00
Methylene chloride	ND
Tetrachloroethene	5.60
Trichloroethene (TCE)	ND

24

Sample Date	6/12/00
Methylene chloride	ND
Tetrachloroethene	4.72
Trichloroethene (TCE)	ND

16

Sample Date	11/25/96	12/12/96	1/29/97	2/26/97	3/10/97	4/8/97	7/17/97	10/30/97	2/10/98	4/21/98	8/19/98	11/18/98	2/25/99	6/29/99	9/22/99	12/8/99	3/1/00	6/12/00
cis-1,2-Dichloroethene	NA	NA	1.30	1.27	ND	2.05	2.55	1.76	ND	ND	2.94	ND	ND	3.56	2.74	1.79	1.28	ND
Methylene chloride	3.16 B	4.85	3.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.33	ND
Tetrachloroethene (PCE)	8.20	3.82	5.19	6.75	2.31	4.47	4.72	1.86	6.23	4.58	4.43	1.48	6.06	7.70	2.63	4.13	6.47	3.74
Trichloroethene (TCE)	2.24	1.00	1.14	1.20	ND	1.26	ND	ND	ND	ND	1.65	ND	ND	2.25	ND	ND	1.27	ND

13

Sample Date	10/8/96	11/25/96	1/29/97	2/26/97	3/10/97	4/8/97	7/17/97	10/30/97	2/10/98	4/21/98	8/19/98	11/18/98	2/25/99	6/29/99	9/22/99	12/8/99	3/1/00	6/12/00
Acetone	NA	NA	3.60	ND	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.35	ND	ND
Methylene chloride	3.65 B	2.72 B	2.59	ND	ND	1.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.80	2.40	ND	ND
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.94	6.92	5.06	
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.40	ND	

LEGEND

VOLATILES	NJDEP SURFACE WATER QUALITY STANDARDS
ACETONE	NLE
CIS-1,2-DICHLOROETHENE	NLE
METHYLENE CHLORIDE	2.49 (ug/L)
METHYL-TERT-BUTYL ETHER	NLE
TETRACHLOROETHENE (PCE)	0.39 (ug/L)
TRICHLOROETHENE (TCE)	1.09 (ug/L)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE		LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) ONLY DETECTED COMPUNDS ARE LISTED.
2.) ▭ = EXCEEDS NJDEP SWQS (NEW JERSEY DEPARTMENT OF ENVIROMENTAL PROTECTION SURFACE WATER QUALITY STANDARDS).
3.) NLE = NO LIMIT ESTABLISHED
4.) ND = NOT DETECTED.
5.) ● = SURFACE WATER SAMPLING LOCATION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 10
M-2 LANDFILL STREAM
FORT MONMOUTH, NEW JERSEY
SURFACE WATER SAMPLING

DRAWN BY: JMM	DATE DRAWN: 25 JUL 00
CHECKED BY: SHV	DATE CHECKED: 7 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

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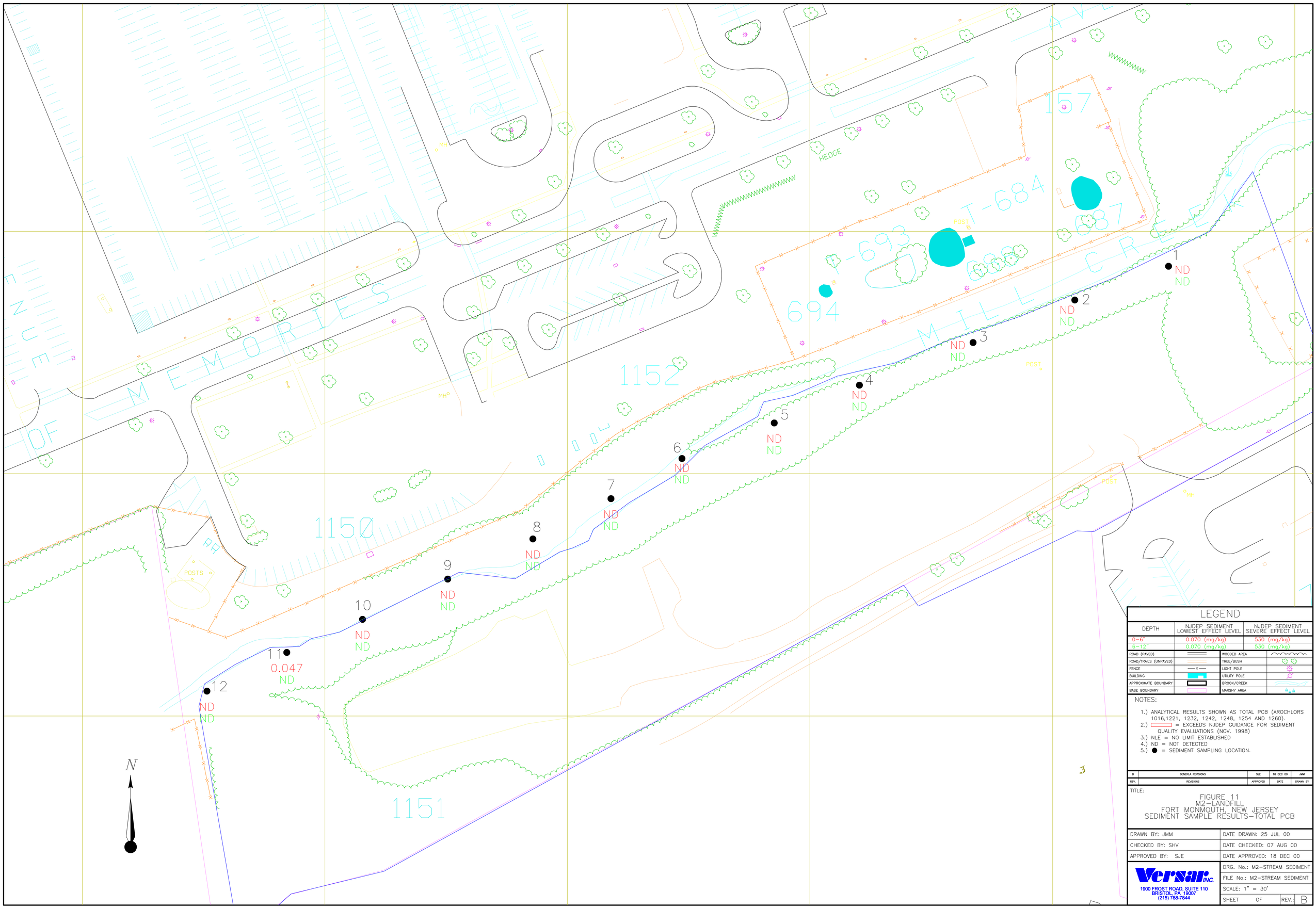
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

DRG. No: M2-STREAM SAMPLING	
FILE No.: M2-STREAM SAMPLING	
SCALE: 1" = 100'	
SHEET OF	REV.: B



LEGEND

DEPTH	NJDEP SEDIMENT LOWEST EFFECT LEVEL	NJDEP SEDIMENT SEVERE EFFECT LEVEL
0–6"	0.070 (mg/kg)	530 (mg/kg)
6–12"	0.070 (mg/kg)	530 (mg/kg)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE	—x—	LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) ANALYTICAL RESULTS SHOWN AS TOTAL PCB (AROCHLORS 1016,1221, 1232, 1242, 1248, 1254 AND 1260).
2.) ▭ = EXCEEDS NJDEP GUIDANCE FOR SEDIMENT QUALITY EVALUATIONS (NOV. 1998)
3.) NLE = NO LIMIT ESTABLISHED
4.) ND = NOT DETECTED
5.) ● = SEDIMENT SAMPLING LOCATION.

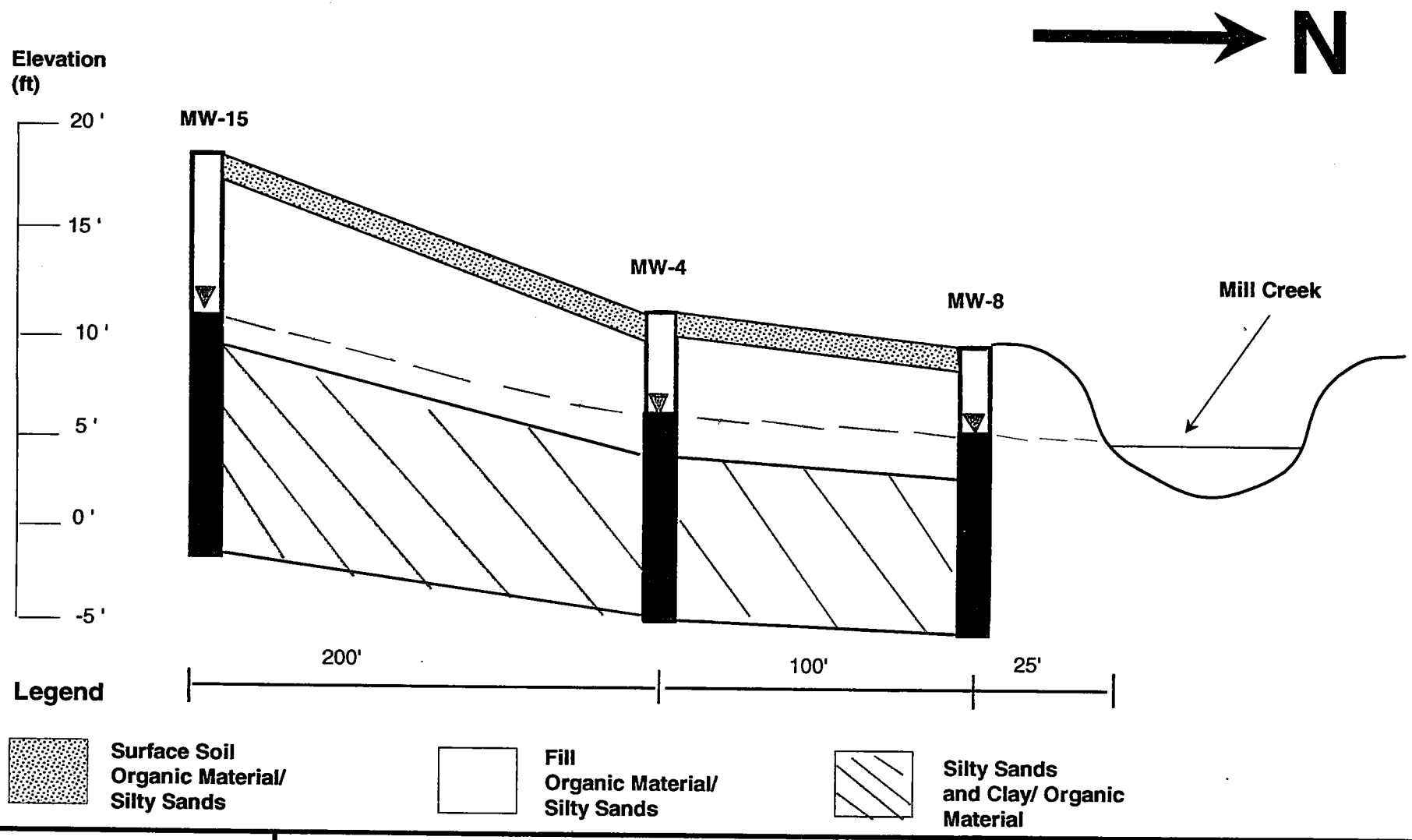
REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 11
M2–LANDFILL
FORT MONMOUTH, NEW JERSEY
SEDIMENT SAMPLE RESULTS–TOTAL PCB

DRAWN BY: JMM	DATE DRAWN: 25 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00
	DRG. No.: M2–STREAM SEDIMENT
	FILE No.: M2–STREAM SEDIMENT
	SCALE: 1" = 30'
	SHEET OF REV.: B

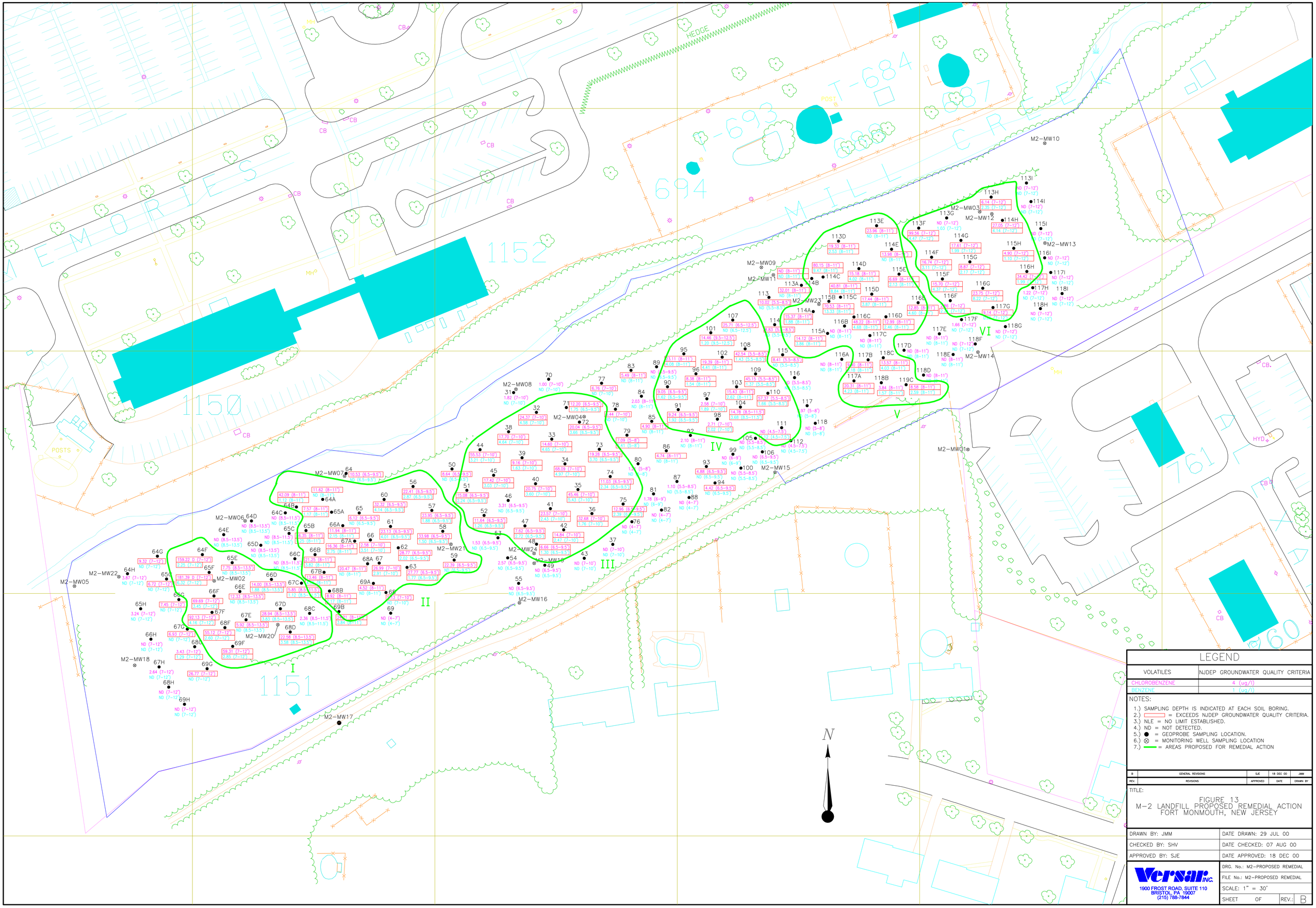
Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844



Versar INC.
1900 Frost Road, Suite 110
Bristol, PA 19007
(215) 788-7844

Figure 12
Geologic Cross-Section Schematic
M-2 Landfill

Main Post
Fort Monmouth
New Jersey



LEGEND

VOLATILES	NJDEP GROUNDWATER QUALITY CRITERIA
CHLOROBENZENE	4 (ug/l)
BENZENE	1 (ug/l)

NOTES:

1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) ▭ = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) ● = GEOPROBE SAMPLING LOCATION.
6.) ⊗ = MONITORING WELL SAMPLING LOCATION
7.) ▬ = AREAS PROPOSED FOR REMEDIAL ACTION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 13
M-2 LANDFILL PROPOSED REMEDIAL ACTION
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 29 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

DRG. No.: M2-PROPOSED REMEDIAL	
FILE No.: M2-PROPOSED REMEDIAL	
SCALE: 1" = 30'	
SHEET OF	REV.: B

TABLES

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
1	0-6"	4281.03	2/17/99	0.063	ND	ND	0.054	0.117
1	12-18"	4281.04	2/17/99	0.053	ND	ND	0.236	0.289
1	24-30"	4281.05	2/17/99	ND	ND	ND	0.041	0.041
1	36-42"	4281.06	2/17/99	ND	ND	ND	ND	ND
1	48-54"	4281.07	2/17/99	**8.669**	ND	ND	**1.137**	**9.806**
1	60-66"	4281.08	2/17/99	ND	ND	ND	**3.206**	**3.206**
1	72-78"	5119.25	1/24/00	ND	ND	ND	ND	ND
1	84-90"	5119.26	1/24/00	ND	ND	ND	ND	ND
1	96-102"	5119.27	1/24/00	ND	ND	ND	ND	ND
1	108-114"	5119.28	1/24/00	ND	ND	ND	ND	ND
2	0-6"	4281.09	2/17/99	ND	ND	ND	ND	ND
2	12-18"	4281.10	2/17/99	**1.162**	ND	ND	0.110	**1.272**
2	24-30"	4281.11	2/17/99	ND	ND	ND	ND	ND
2	36-42"	4281.12	2/17/99	**12.481**	ND	ND	**0.499**	**12.980**
2	48-54"	4281.13	2/17/99	**12.413**	ND	ND	**0.727**	**13.140**
2	60-66"	4281.14	2/17/99	ND	ND	ND	ND	ND
3	0-6"	4281.15	2/17/99	**0.967**	ND	ND	0.171	**1.138**
3	12-18"	4281.16	2/17/99	ND	ND	ND	ND	ND
3	24-30"	4281.17	2/17/99	ND	ND	ND	ND	ND
3	36-42"	4281.18	2/17/99	ND	ND	ND	ND	ND
3	48-54"	4281.19	2/17/99	ND	ND	ND	ND	ND
3	60-66"	4281.20	2/17/99	**1.935**	ND	ND	0.133	**2.068**
3	72-78"	5119.29	1/24/00	ND	ND	ND	ND	ND
3	84-90"	5119.30	1/24/00	ND	ND	ND	ND	ND
3	96-102"	5119.31	1/24/00	ND	ND	ND	ND	ND
3	108-114"	5119.32	1/24/00	ND	ND	ND	ND	ND
3A	0-6"	4890.28	10/27/99	ND	ND	ND	ND	ND
3A	12-18"	4890.29	10/27/99	ND	ND	ND	ND	ND
3A	24-30"	4890.30	10/27/99	ND	ND	ND	ND	ND
3A	36-42"	4890.31	10/27/99	ND	ND	ND	ND	ND
3A	48-54"	4890.32	10/27/99	ND	ND	ND	ND	ND
3A	60-66"	4890.33	10/27/99	ND	ND	ND	ND	ND
3A	72-78"	4890.34	10/27/99	ND	ND	ND	ND	ND
3A	84-90"	4890.35	10/27/99	ND	ND	ND	ND	ND
3A	90-96"	4890.36	10/27/99	ND	ND	ND	ND	ND
3B	0-6"	4963.20	11/23/99	ND	ND	ND	ND	ND
3B	12-18"	4963.21	11/23/99	ND	ND	ND	ND	ND
3B	24-30"	4963.22	11/23/99	ND	ND	ND	ND	ND
3B	36-42"	4963.23	11/23/99	ND	ND	ND	ND	ND
3B	48-54"	4963.24	11/23/99	ND	ND	ND	ND	ND
3B	60-66"	4963.25	11/23/99	ND	ND	ND	ND	ND
3B	72-78"	4963.26	11/23/99	ND	ND	ND	ND	ND
3B	84-90"	4963.27	11/23/99	ND	ND	ND	ND	ND
4	0-6"	4281.21	2/17/99	ND	ND	ND	ND	ND
4	12-18"	4281.22	2/17/99	**4.219**	ND	ND	0.279	**4.498**
4	24-30"	4281.23	2/17/99	ND	ND	ND	ND	ND
4	36-42"	4281.24	2/17/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
4	48-54"	4281.25	2/17/99	ND	ND	ND	ND	ND
4	60-66"	4281.26	2/17/99	**65.402**	ND	ND	**10.431**	**75.833**
4	72-78"	5119.33	1/24/00	ND	ND	ND	ND	ND
4	84-90"	5119.34	1/24/00	ND	ND	ND	ND	ND
4	96-102"	5119.35	1/24/00	ND	ND	ND	ND	ND
4	108-114"	5119.36	1/24/00	ND	ND	ND	ND	ND
5	0-6"	4285.02	2/19/99	ND	ND	ND	ND	ND
5	12-18"	4285.03	2/19/99	0.117	ND	ND	0.054	0.171
5	24-30"	4285.04	2/19/99	0.050	ND	ND	0.047	0.097
5	36-42"	4285.05	2/19/99	ND	ND	ND	ND	ND
5	48-54"	4285.06	2/19/99	ND	ND	ND	0.483	0.483
5	60-66"	4285.07	2/19/99	ND	ND	ND	0.148	0.148
6	0-6"	4285.08	2/19/99	0.081	ND	ND	0.040	0.121
6	12-18"	4285.09	2/19/99	ND	ND	ND	ND	ND
6	24-30"	4285.10	2/19/99	ND	ND	ND	ND	ND
6	36-42"	4285.11	2/19/99	ND	ND	ND	0.029	0.029
6	48-54"	4285.12	2/19/99	ND	ND	ND	ND	ND
6	60-66"	4285.13	2/19/99	**208.421**	ND	ND	**3.180**	**211.601**
6	72-78"	5119.37	1/24/00	ND	ND	ND	ND	ND
6	84-90"	5119.38	1/24/00	ND	ND	ND	ND	ND
6	96-102"	5119.39	1/24/00	ND	ND	ND	ND	ND
6	108-114"	5119.40	1/24/00	ND	ND	ND	ND	ND
6A	0-6"	4890.37	10/27/99	ND	ND	ND	ND	ND
6A	12-18"	4890.38	10/27/99	ND	ND	ND	ND	ND
6A	24-30"	4890.39	10/27/99	ND	ND	ND	ND	ND
6A	36-42"	4890.40	10/27/99	ND	ND	ND	ND	ND
6A	48-54"	4890.41	10/27/99	ND	ND	ND	ND	ND
6A	60-66"	4890.42	10/27/99	ND	ND	ND	ND	ND
6A	72-78"	4890.43	10/27/99	ND	ND	ND	ND	ND
6A	84-90"	4890.44	10/27/99	ND	ND	ND	ND	ND
6A	90-96"	4890.45	10/27/99	ND	ND	ND	ND	ND
6B	0-6"	4963.11	11/23/99	ND	ND	ND	ND	ND
6B	12-18"	4963.12	11/23/99	ND	ND	ND	ND	ND
6B	24-30"	4963.13	11/23/99	ND	ND	ND	ND	ND
6B	36-42"	4963.14	11/23/99	ND	ND	ND	ND	ND
6B	48-54"	4963.15	11/23/99	ND	ND	ND	ND	ND
6B	60-66"	4963.16	11/23/99	ND	ND	ND	ND	ND
6B	72-78"	4963.17	11/23/99	ND	ND	ND	ND	ND
6B	84-90"	4963.18	11/23/99	ND	ND	ND	ND	ND
7	0-6"	4285.14	2/19/99	0.108	ND	ND	0.047	0.155
7	12-18"	4285.15	2/19/99	0.152	ND	ND	0.014	0.166
7	24-30"	4285.16	2/19/99	ND	ND	ND	0.208	0.208
7	36-42"	4285.17	2/19/99	0.115	ND	ND	0.038	0.153
7	48-54"	4285.18	2/19/99	0.153	ND	ND	0.042	0.195
7	60-66"	4285.19	2/19/99	0.046	ND	ND	0.031	0.077
8	0-6"	4290.02	2/22/99	0.047	ND	ND	0.048	0.095
8	12-18"	4290.03	2/22/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
8	24-30"	4290.04	2/22/99	ND	ND	ND	ND	ND
8	36-42"	4290.05	2/22/99	ND	ND	ND	ND	ND
8	48-54"	4290.06	2/22/99	ND	ND	ND	ND	ND
8	60-66"	4290.07	2/22/99	ND	ND	ND	0.296	0.296
9	0-6"	4290.08	2/22/99	0.465	ND	ND	0.231	**0.696**
9	12-18"	4290.09	2/22/99	ND	ND	ND	ND	ND
9	24-30"	4290.10	2/22/99	ND	ND	ND	ND	ND
9	36-42"	4290.11	2/22/99	ND	ND	ND	ND	ND
9	48-54"	4290.12	2/22/99	ND	ND	ND	ND	ND
9	60-66"	4290.13	2/22/99	ND	ND	ND	ND	ND
9A	0-6"	4890.46	10/27/99	ND	ND	ND	0.262	0.262
9A	12-18"	4890.47	10/27/99	ND	ND	ND	0.241	0.241
9A	24-30"	4890.48	10/27/99	ND	ND	ND	0.087	0.087
9A	36-42"	4890.49	10/27/99	ND	ND	ND	ND	ND
9A	48-54"	4890.50	10/27/99	ND	ND	ND	ND	ND
9A	60-66"	4890.51	10/27/99	ND	ND	ND	ND	ND
9A	72-78"	4890.52	10/27/99	ND	ND	ND	ND	ND
9A	84-90"	4890.53	10/27/99	ND	ND	ND	ND	ND
9A	90-96"	4890.54	10/27/99	ND	ND	ND	ND	ND
9B	0-6"	4963.02	11/23/99	ND	ND	ND	ND	ND
9B	12-18"	4963.03	11/23/99	ND	ND	ND	ND	ND
9B	24-30"	4963.04	11/23/99	ND	ND	ND	ND	ND
9B	36-42"	4963.05	11/23/99	ND	ND	ND	ND	ND
9B	48-54"	4963.06	11/23/99	ND	ND	ND	ND	ND
9B	60-66"	4963.07	11/23/99	ND	ND	ND	ND	ND
9B	72-78"	4963.08	11/23/99	ND	ND	ND	ND	ND
9B	84-90"	4963.09	11/23/99	ND	ND	ND	ND	ND
10	0-6"	4290.14	2/22/99	ND	ND	ND	0.054	0.054
10	12-18"	4290.15	2/22/99	0.379	ND	ND	0.037	0.416
10	24-30"	4290.16	2/22/99	**1.042**	ND	ND	0.059	**1.101**
10	36-42"	4290.17	2/22/99	**0.704**	ND	ND	0.065	**0.769**
10	48-54"	4290.18	2/22/99	0.159	ND	ND	0.086	0.245
10	60-66"	4290.19	2/22/99	**6.392**	ND	ND	**8.381**	**14.773**
10	72-78"	5119.41	1/24/00	ND	ND	ND	ND	ND
10	84-90"	5119.42	1/24/00	ND	ND	ND	ND	ND
10	96-102"	5119.43	1/24/00	ND	ND	ND	ND	ND
10	108-114"	5119.44	1/24/00	ND	ND	ND	ND	ND
10A	0-6"	4890.01	10/27/99	ND	ND	ND	ND	ND
10A	12-18"	4890.02	10/27/99	ND	ND	ND	ND	ND
10A	24-30"	4890.03	10/27/99	ND	ND	ND	**0.497**	**0.497**
10A	36-42"	4890.04	10/27/99	ND	ND	ND	ND	ND
10A	48-54"	4890.05	10/27/99	ND	ND	ND	ND	ND
10A	60-66"	4890.06	10/27/99	ND	ND	ND	ND	ND
10A	72-78"	4890.07	10/27/99	ND	ND	ND	ND	ND
10A	84-90"	4890.08	10/27/99	ND	ND	ND	ND	ND
10A	90-96"	4890.09	10/27/99	ND	ND	ND	ND	ND
10B	0-6"	5148.19	2/7/00	ND	0.314	ND	ND	0.314

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
10B	12-18"	5148.20	2/7/00	ND	ND	ND	ND	ND
10B	24-30"	5148.21	2/7/00	ND	**1.192**	ND	ND	**1.192**
10B	36-42"	5148.22	2/7/00	ND	ND	ND	ND	ND
10B	48-54"	5148.23	2/7/00	ND	ND	ND	ND	ND
10B	60-66"	5148.24	2/7/00	ND	ND	ND	ND	ND
10B	72-78"	5148.25	2/7/00	ND	ND	ND	ND	ND
10B	84-90"	5148.26	2/7/00	ND	ND	ND	ND	ND
10B	96-102"	5148.27	2/7/00	ND	ND	ND	ND	ND
10B	108-114"	5148.28	2/7/00	ND	ND	ND	ND	ND
10C	0-6"	5148.29	2/7/00	ND	**0.983**	ND	ND	**0.983**
10C	12-18"	5148.30	2/7/00	ND	ND	ND	ND	ND
10C	24-30"	5148.31	2/7/00	ND	ND	ND	ND	ND
10C	36-42"	5148.32	2/7/00	ND	ND	ND	ND	ND
10C	48-54"	5148.33	2/7/00	ND	ND	ND	ND	ND
10C	60-66"	5148.34	2/7/00	ND	ND	ND	ND	ND
10C	72-78"	5148.35	2/7/00	ND	**33.606**	ND	ND	**33.606**
10C	84-90"	5148.36	2/7/00	ND	ND	ND	ND	ND
10C	96-102"	5148.37	2/7/00	ND	ND	ND	ND	ND
10C	108-114"	5148.38	2/7/00	ND	ND	ND	ND	ND
10D	0-6"	5207.01	2/29/00	ND	ND	ND	ND	ND
10D	12-18"	5207.02	2/29/00	ND	ND	ND	ND	ND
10D	24-30"	5207.03	2/29/00	ND	ND	ND	ND	ND
10D	36-42"	5207.04	2/29/00	ND	ND	ND	ND	ND
10D	48-54"	5207.05	2/29/00	ND	ND	ND	ND	ND
10D	60-66"	5207.06	2/29/00	ND	ND	ND	ND	ND
10D	72-78"	5207.07	2/29/00	ND	ND	ND	ND	ND
10D	84-90"	5207.08	2/29/00	ND	**2.145**	ND	ND	**2.145**
10D	96-102"	5207.09	2/29/00	ND	**14.152**	ND	ND	**14.152**
10D	108-114"	5228.01	3/8/00	ND	ND	ND	ND	ND
10D	120-126"	5228.02	3/8/00	ND	ND	ND	ND	ND
10D	132-138"	5228.03	3/8/00	ND	ND	ND	ND	ND
10D	144-150"	5228.04	3/8/00	ND	ND	ND	ND	ND
10E	0-6"	5228.05	3/8/00	ND	ND	**1.682**	ND	**1.682**
10E	12-18"	5228.06	3/8/00	ND	ND	ND	ND	ND
10E	24-30"	5228.07	3/8/00	ND	ND	ND	ND	ND
10E	36-42"	5228.08	3/8/00	ND	ND	ND	ND	ND
10E	48-54"	5228.09	3/8/00	ND	ND	ND	ND	ND
10E	60-66"	5228.10	3/8/00	ND	ND	ND	ND	ND
10E	72-78"	5228.11	3/8/00	ND	ND	ND	ND	ND
10E	84-90"	5228.12	3/8/00	ND	ND	0.432	ND	0.432
10E	96-102"	5228.13	3/8/00	ND	ND	**1.484**	ND	**1.484**
10E	108-116"	5228.14	3/8/00	ND	ND	ND	ND	ND
10E	122-128"	5228.15	3/8/00	ND	ND	ND	ND	ND
10E	134-140"	5228.16	3/8/00	ND	ND	ND	ND	ND
10E	144-150"	5228.17	3/8/00	ND	ND	ND	ND	ND
10F	0-6"	5272.01	3/22/00	ND	ND	ND	ND	ND
10F	12-18"	5272.02	3/22/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
10F	24-30"	5272.03	3/22/00	ND	ND	ND	ND	ND
10F	36-42"	5272.04	3/22/00	ND	ND	ND	ND	ND
10F	48-54"	5272.05	3/22/00	ND	ND	ND	ND	ND
10F	60-66"	5272.06	3/22/00	ND	ND	ND	ND	ND
10F	72-78"	5272.07	3/22/00	ND	ND	ND	ND	ND
10F	84-90"	5272.08	3/22/00	ND	ND	ND	ND	ND
10F	96-102"	5272.09	3/22/00	ND	ND	ND	ND	ND
10F	108-114"	5272.10	3/22/00	ND	ND	ND	ND	ND
11	0-6"	4290.20	2/22/99	**1.230**	ND	ND	0.126	**1.356**
11	12-18"	4290.21	2/22/99	0.157	ND	ND	0.060	0.217
11	24-30"	4290.22	2/22/99	ND	ND	ND	ND	ND
11	36-42"	4290.23	2/22/99	ND	ND	ND	ND	ND
11	48-54"	4290.24	2/22/99	ND	ND	ND	0.234	0.234
11	60-66"	4290.25	2/22/99	ND	ND	ND	0.033	0.033
11A	0-6"	4890.10	10/27/99	ND	ND	**0.513**	ND	**0.513**
11A	12-18"	4890.11	10/27/99	ND	ND	**0.657**	ND	**0.657**
11A	24-30"	4890.12	10/27/99	ND	**27.424**	ND	ND	**27.424**
11A	36-42"	4890.13	10/27/99	**0.745**	ND	ND	**0.532**	**1.277**
11A	48-54"	4890.14	10/27/99	ND	ND	ND	ND	ND
11A	60-66"	4890.15	10/27/99	ND	**5.526**	ND	ND	**5.526**
11A	72-78"	4890.16	10/27/99	ND	ND	ND	ND	ND
11A	84-90"	4890.17	10/27/99	ND	ND	ND	ND	ND
11A	90-96"	4890.18	10/27/99	ND	ND	ND	ND	ND
11B	0-6"	5119.01	1/24/00	ND	ND	ND	ND	ND
11B	12-18"	5119.02	1/24/00	ND	ND	ND	ND	ND
11B	24-30"	5119.03	1/24/00	ND	**1.482**	ND	ND	**1.482**
11B	36-42"	5119.04	1/24/00	ND	ND	ND	ND	ND
11B	48-54"	5119.05	1/24/00	ND	**1.277**	ND	ND	**1.277**
11B	60-66"	5119.06	1/24/00	ND	**1.646**	ND	ND	**1.646**
11B	72-78"	5148.01	2/7/00	ND	0.323	ND	ND	0.323
11B	84-90"	5148.02	2/7/00	ND	**0.582**	ND	ND	**0.582**
11B	96-102"	5148.03	2/7/00	ND	ND	ND	ND	ND
11B	108-114"	5148.04	2/7/00	ND	ND	ND	ND	ND
11C	0-6"	5148.39	2/7/00	ND	ND	ND	ND	ND
11C	12-18"	5148.40	2/7/00	ND	ND	ND	ND	ND
11C	24-30"	5148.41	2/7/00	ND	ND	ND	ND	ND
11C	36-42"	5148.42	2/7/00	ND	**4.060**	ND	ND	**4.060**
11C	48-54"	5148.43	2/7/00	ND	ND	ND	ND	ND
11C	60-66"	5148.44	2/7/00	ND	ND	ND	ND	ND
11C	72-78"	5148.45	2/7/00	ND	**0.978**	ND	ND	**0.978**
11C	84-90"	5148.46	2/7/00	ND	0.301	ND	ND	0.301
11C	96-102"	5148.47	2/7/00	ND	ND	ND	ND	ND
11C	108-114"	5148.48	2/7/00	ND	ND	ND	ND	ND
11D	0-6"	5228.18	3/8/00	ND	ND	ND	ND	ND
11D	12-18"	5228.19	3/8/00	ND	ND	ND	ND	ND
11D	24-30"	5228.20	3/8/00	ND	ND	ND	ND	ND
11D	36-42"	5228.21	3/8/00	ND	**6.352**	ND	ND	**6.352**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
11D	48-54"	5228.22	3/8/00	ND	ND	ND	ND	ND
11D	60-66"	5228.23	3/8/00	ND	**9.339**	ND	ND	**9.339**
11D	72-78"	5228.24	3/8/00	ND	**17.262**	ND	ND	**17.262**
11D	84-90"	5228.25	3/8/00	ND	ND	ND	ND	ND
11D	96-102"	5228.26	3/8/00	ND	ND	ND	ND	ND
11D	108-116"	5228.27	3/8/00	ND	ND	ND	ND	ND
11D	122-128"	5228.28	3/8/00	ND	ND	ND	ND	ND
11D	134-140"	5228.29	3/8/00	ND	ND	ND	ND	ND
11D	144-150"	5228.30	3/8/00	ND	ND	ND	ND	ND
11E	0-6"	5251.01	3/16/00	ND	ND	ND	ND	ND
11E	12-18"	5251.02	3/16/00	ND	**1.017**	ND	ND	**1.017**
11E	24-30"	5251.03	3/16/00	ND	ND	ND	ND	ND
11E	36-42"	5251.04	3/16/00	ND	ND	ND	ND	ND
11E	48-54"	5251.05	3/16/00	ND	**187.444**	ND	ND	**187.444**
11E	60-66"	5251.06	3/16/00	ND	ND	ND	ND	ND
11E	72-78"	5251.07	3/16/00	ND	ND	ND	ND	ND
11E	84-90"	5251.08	3/16/00	ND	ND	ND	ND	ND
11E	96-102"	5251.09	3/16/00	ND	ND	ND	ND	ND
11E	108-114"	5251.10	3/16/00	ND	ND	ND	ND	ND
11F	0-6"	5272.11	3/22/00	ND	ND	ND	ND	ND
11F	12-18"	5272.12	3/22/00	ND	ND	ND	ND	ND
11F	24-30"	5272.13	3/22/00	ND	ND	ND	ND	ND
11F	36-42"	5272.14	3/22/00	ND	ND	ND	ND	ND
11F	48-54"	5272.15	3/22/00	ND	ND	ND	ND	ND
11F	60-66"	5272.16	3/22/00	ND	ND	ND	ND	ND
11F	72-78"	5272.17	3/22/00	ND	ND	ND	ND	ND
11F	84-90"	5272.18	3/22/00	ND	ND	ND	ND	ND
11F	96-102"	5272.19	3/22/00	ND	ND	ND	ND	ND
11F	108-114"	5272.20	3/22/00	ND	ND	ND	ND	ND
12	0-6"	4290.26	2/22/99	0.079	ND	ND	0.036	0.115
12	12-18"	4290.27	2/22/99	0.195	ND	ND	0.060	0.255
12	24-30"	4290.28	2/22/99	0.272	ND	ND	0.059	0.331
12	36-42"	4290.29	2/22/99	ND	ND	ND	ND	ND
12	48-54"	4290.30	2/22/99	ND	ND	ND	ND	ND
12	60-66"	4290.31	2/22/99	ND	ND	ND	ND	ND
12A	0-6"	5119.07	1/24/00	ND	ND	ND	ND	ND
12A	12-18"	5119.08	1/24/00	ND	**5.596**	ND	ND	**5.596**
12A	24-30"	5119.09	1/24/00	ND	ND	ND	ND	ND
12A	36-42"	5119.10	1/24/00	ND	ND	ND	ND	ND
12A	48-54"	5119.11	1/24/00	ND	ND	ND	ND	ND
12A	60-66"	5119.12	1/24/00	ND	ND	ND	ND	ND
12B	0-6"	5119.13	1/24/00	ND	ND	ND	ND	ND
12B	12-18"	5119.14	1/24/00	ND	ND	ND	ND	ND
12B	24-30"	5119.15	1/24/00	ND	ND	ND	ND	ND
12B	36-42"	5119.16	1/24/00	ND	ND	ND	ND	ND
12B	48-54"	5119.17	1/24/00	ND	ND	ND	ND	ND
12B	60-66"	5119.18	1/24/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
12C	0-6"	5119.19	1/24/00	ND	ND	ND	ND	ND
12C	12-18"	5119.20	1/24/00	ND	ND	ND	ND	ND
12C	24-30"	5119.21	1/24/00	ND	ND	ND	ND	ND
12C	36-42"	5119.22	1/24/00	ND	ND	ND	ND	ND
12C	48-54"	5119.23	1/24/00	ND	ND	ND	ND	ND
12C	60-66"	5119.24	1/24/00	ND	ND	ND	ND	ND
12D	0-6"	5148.09	2/7/00	ND	ND	ND	ND	ND
12D	12-18"	5148.10	2/7/00	ND	ND	ND	ND	ND
12D	24-30"	5148.11	2/7/00	ND	ND	ND	ND	ND
12D	36-42"	5148.12	2/7/00	ND	ND	ND	ND	ND
12D	48-54"	5148.13	2/7/00	ND	ND	ND	ND	ND
12D	60-66"	5148.14	2/7/00	ND	ND	ND	ND	ND
12D	72-78"	5148.15	2/7/00	ND	ND	ND	ND	ND
12D	84-90"	5148.16	2/7/00	ND	ND	ND	ND	ND
12D	96-102"	5148.17	2/7/00	ND	ND	ND	ND	ND
12D	108-114"	5148.18	2/7/00	ND	ND	ND	ND	ND
12E	0-6"	5148.49	2/7/00	ND	ND	ND	ND	ND
12E	12-18"	5148.50	2/7/00	ND	ND	ND	ND	ND
12E	24-30"	5148.51	2/7/00	ND	ND	ND	ND	ND
12E	36-42"	5148.52	2/7/00	ND	ND	ND	ND	ND
12E	48-54"	5148.53	2/7/00	ND	ND	ND	ND	ND
12E	60-66"	5148.54	2/7/00	ND	ND	ND	ND	ND
12E	72-78"	5148.55	2/7/00	ND	ND	ND	ND	ND
12E	84-90"	5148.56	2/7/00	ND	ND	ND	ND	ND
12E	96-102"	5148.57	2/7/00	ND	ND	ND	**2.315**	**2.315**
12E	108-114"	5148.58	2/7/00	ND	ND	**9.961**	ND	**9.961**
12F	0-6"	5148.59	2/7/00	ND	**1.167**	ND	ND	**1.167**
12F	12-18"	5148.60	2/7/00	ND	ND	ND	ND	ND
12F	24-30"	5148.61	2/7/00	ND	ND	ND	ND	ND
12F	36-42"	5148.62	2/7/00	ND	ND	ND	ND	ND
12F	48-54"	5148.63	2/7/00	ND	ND	ND	ND	ND
12F	60-66"	5148.64	2/7/00	ND	ND	ND	ND	ND
12F	72-78"	5148.65	2/7/00	ND	ND	ND	ND	ND
12F	84-90"	5148.66	2/7/00	ND	ND	ND	ND	ND
12F	96-102"	5148.67	2/7/00	ND	ND	**1.985**	ND	**1.985**
12F	108-114"	5148.68	2/7/00	ND	ND	ND	ND	ND
12G	0-6"	5272.41	3/22/00	ND	ND	**0.556**	ND	**0.556**
12G	12-18"	5272.42	3/22/00	ND	ND	ND	ND	ND
12G	24-30"	5272.43	3/22/00	ND	ND	ND	ND	ND
12G	36-42"	5272.44	3/22/00	ND	ND	ND	ND	ND
12G	48-54"	5272.45	3/22/00	ND	ND	ND	ND	ND
12G	60-66"	5272.46	3/22/00	ND	ND	ND	ND	ND
12G	72-78"	5272.47	3/22/00	ND	ND	ND	ND	ND
12G	84-90"	5272.48	3/22/00	ND	ND	ND	ND	ND
12G	96-102"	5272.49	3/22/00	ND	ND	ND	ND	ND
12G	108-114"	5272.50	3/22/00	ND	ND	ND	ND	ND
12H	0-6"	5272.31	3/22/00	ND	**0.496**	ND	ND	**0.496**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
12H	12-18"	5272.32	3/22/00	ND	ND	ND	ND	ND
12H	24-30"	5272.33	3/22/00	ND	ND	ND	ND	ND
12H	36-42"	5272.34	3/22/00	ND	ND	ND	ND	ND
12H	48-54"	5272.35	3/22/00	ND	ND	**1.533**	ND	**1.533**
12H	60-66"	5272.36	3/22/00	ND	ND	**1.885**	ND	**1.885**
12H	72-78"	5272.37	3/22/00	ND	ND	ND	ND	ND
12H	84-90"	5272.38	3/22/00	ND	ND	ND	ND	ND
12H	96-102"	5272.39	3/22/00	ND	ND	ND	ND	ND
12H	108-114"	5272.40	3/22/00	ND	ND	ND	ND	ND
12I	0-6"	5272.21	3/22/00	ND	ND	**6.697**	ND	**6.697**
12I	12-18"	5272.22	3/22/00	ND	ND	ND	ND	ND
12I	24-30"	5272.23	3/22/00	ND	ND	ND	ND	ND
12I	36-42"	5272.24	3/22/00	ND	ND	ND	ND	ND
12I	48-54"	5272.25	3/22/00	ND	ND	ND	ND	ND
12I	60-66"	5272.26	3/22/00	ND	ND	ND	ND	ND
12I	72-78"	5272.27	3/22/00	ND	ND	ND	ND	ND
12I	84-90"	5272.28	3/22/00	ND	ND	ND	ND	ND
12I	96-102"	5272.29	3/22/00	ND	ND	ND	ND	ND
12I	108-114"	5272.30	3/22/00	ND	ND	ND	ND	ND
13	0-6"	4294.02	2/23/99	ND	ND	ND	ND	ND
13	12-18"	4294.03	2/23/99	ND	ND	ND	ND	ND
13	24-30"	4294.04	2/23/99	ND	ND	ND	ND	ND
13	36-42"	4294.05	2/23/99	ND	ND	ND	ND	ND
13	48-54"	4294.06	2/23/99	**0.915**	ND	ND	ND	**0.915**
13	60-66"	4294.07	2/23/99	**3.170**	ND	ND	**1.491**	**4.661**
13	72-78"	5119.45	1/24/00	ND	ND	ND	ND	ND
13	84-90"	5119.46	1/24/00	ND	ND	ND	ND	ND
13	96-102"	5119.47	1/24/00	ND	ND	ND	ND	ND
13	108-114"	5119.48	1/24/00	ND	ND	ND	ND	ND
14	0-6"	4294.08	2/23/99	ND	ND	ND	0.102	0.102
14	12-18"	4294.09	2/23/99	0.236	ND	ND	0.072	0.308
14	24-30"	4294.10	2/23/99	ND	ND	ND	ND	ND
14	36-42"	4294.11	2/23/99	ND	ND	ND	ND	ND
14	48-54"	4294.12	2/23/99	ND	ND	ND	ND	ND
14	60-66"	4294.13	2/23/99	0.402	ND	ND	0.062	0.464
15	0-6"	4294.14	2/23/99	0.083	ND	ND	0.089	0.172
15	12-18"	4294.15	2/23/99	0.140	ND	ND	0.058	0.198
15	24-30"	4294.16	2/23/99	ND	ND	ND	ND	ND
15	36-42"	4294.17	2/23/99	ND	ND	ND	ND	ND
15	48-54"	4294.18	2/23/99	ND	ND	ND	ND	ND
15	60-66"	4294.19	2/23/99	ND	ND	ND	0.134	0.134
15A	0-6"	4890.19	10/27/99	ND	ND	ND	ND	ND
15A	12-18"	4890.20	10/27/99	ND	ND	ND	ND	ND
15A	24-30"	4890.21	10/27/99	ND	ND	ND	ND	ND
15A	36-42"	4890.22	10/27/99	ND	ND	ND	ND	ND
15A	48-54"	4890.23	10/27/99	ND	ND	ND	ND	ND
15A	60-66"	4890.24	10/27/99	ND	ND	ND	**0.667**	**0.667**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
15A	72-78"	4890.25	10/27/99	ND	ND	ND	ND	ND
15A	84-90"	4890.26	10/27/99	ND	ND	**42.494**	ND	**42.494**
15A	90-96"	4890.27	10/27/99	ND	ND	ND	ND	ND
15B	0-6"	4963.29	11/23/99	ND	ND	ND	ND	ND
15B	12-18"	4963.30	11/23/99	ND	ND	ND	ND	ND
15B	24-30"	4963.31	11/23/99	ND	ND	ND	ND	ND
15B	36-42"	4963.32	11/23/99	ND	ND	ND	ND	ND
15B	48-54"	4963.33	11/23/99	ND	ND	ND	ND	ND
15B	60-66"	4963.34	11/23/99	ND	ND	ND	ND	ND
15B	72-78"	4963.35	11/23/99	ND	ND	ND	ND	ND
15B	84-90"	4963.36	11/23/99	ND	ND	ND	ND	ND
16	0-6"	4294.23	2/23/99	ND	ND	ND	ND	ND
16	12-18"	4294.24	2/23/99	ND	ND	ND	ND	ND
16	24-30"	4294.25	2/23/99	ND	ND	ND	ND	ND
16	36-42"	4294.26	2/23/99	0.116	ND	ND	0.054	0.170
16	48-54"	4294.27	2/23/99	ND	ND	ND	ND	ND
16	60-66"	4294.28	2/23/99	**0.590**	ND	ND	0.129	**0.719**
17	0-6"	4307.01	3/1/99	ND	ND	ND	ND	ND
17	12-18"	4307.02	3/1/99	ND	ND	ND	ND	ND
17	24-30"	4307.03	3/1/99	ND	ND	ND	ND	ND
17	36-42"	4307.04	3/1/99	**40.042**	ND	ND	**0.867**	**40.909**
17	48-54"	4307.05	3/1/99	**0.518**	ND	ND	0.041	**0.559**
17	60-66"	4307.06	3/1/99	**1.058**	ND	ND	ND	**1.058**
18	0-6"	4307.07	3/1/99	ND	ND	ND	ND	ND
18	12-18"	4307.08	3/1/99	ND	ND	ND	ND	ND
18	24-30"	4307.09	3/1/99	ND	ND	ND	ND	ND
18	36-42"	4307.10	3/1/99	**394.167**	ND	ND	**2.893**	**397.060**
18	48-54"	4307.11	3/1/99	**5.089**	ND	ND	0.478	**5.567**
18	60-66"	4307.12	3/1/99	**4.733**	ND	ND	0.042	**4.775**
18	72-78"	5119.49	1/24/00	ND	ND	ND	ND	ND
18	84-90"	5119.50	1/24/00	ND	ND	ND	ND	ND
18	96-102"	5119.51	1/24/00	ND	ND	ND	ND	ND
18	108-114"	5119.52	1/24/00	ND	ND	ND	ND	ND
18A	0-6"	4903.16	11/1/99	ND	ND	ND	ND	ND
18A	12-18"	4903.17	11/1/99	ND	ND	ND	ND	ND
18A	24-30"	4903.18	11/1/99	ND	ND	ND	ND	ND
18A	36-42"	4903.19	11/1/99	ND	ND	ND	ND	ND
18A	48-54"	4903.20	11/1/99	ND	ND	ND	ND	ND
18A	60-66"	4903.21	11/1/99	ND	ND	ND	ND	ND
18A	72-78"	4903.22	11/1/99	ND	ND	ND	ND	ND
18B	0-6"	4963.47	11/23/99	ND	ND	ND	ND	ND
18B	12-18"	4963.48	11/23/99	ND	ND	ND	ND	ND
18B	24-30"	4963.49	11/23/99	ND	ND	ND	ND	ND
18B	36-42"	4963.50	11/23/99	ND	ND	ND	ND	ND
18B	48-54"	4963.51	11/23/99	ND	ND	ND	ND	ND
18B	60-66"	4963.52	11/23/99	ND	ND	ND	ND	ND
18B	72-78"	4963.53	11/23/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
18B	84-90"	4963.54	11/23/99	ND	ND	ND	ND	ND
19	0-6"	4307.13	3/1/99	ND	ND	ND	ND	ND
19	12-18"	4307.14	3/1/99	ND	ND	ND	ND	ND
19	24-30"	4307.15	3/1/99	ND	ND	ND	ND	ND
19	36-42"	4307.16	3/1/99	**1.892**	ND	ND	0.104	**1.996**
19	48-54"	4307.17	3/1/99	**4.111**	ND	ND	**0.918**	**5.029**
19	60-66"	4307.18	3/1/99	**24.754**	ND	ND	**0.558**	**25.312**
19	72-78"	5119.53	1/24/00	ND	ND	ND	ND	ND
19	84-90"	5119.54	1/24/00	ND	ND	ND	ND	ND
19	96-102"	5119.55	1/24/00	ND	ND	ND	ND	ND
19	108-114"	5119.56	1/24/00	ND	ND	ND	ND	ND
20	0-6"	4307.19	3/1/99	ND	ND	ND	ND	ND
20	12-18"	4307.20	3/1/99	ND	ND	ND	0.009	0.009
20	24-30"	4307.21	3/1/99	ND	ND	ND	ND	ND
20	36-42"	4307.22	3/1/99	ND	ND	ND	ND	ND
20	48-54"	4307.23	3/1/99	ND	ND	0.264	ND	0.264
20	60-66"	4307.24	3/1/99	ND	ND	**0.580**	ND	**0.580**
21	0-6"	4313.02	3/2/99	ND	ND	ND	ND	ND
21	12-18"	4313.03	3/2/99	ND	ND	ND	ND	ND
21	24-30"	4313.04	3/2/99	ND	ND	ND	0.039	0.039
21	36-42"	4313.05	3/2/99	ND	ND	ND	ND	ND
21	48-54"	4313.06	3/2/99	ND	ND	ND	ND	ND
21	60-66"	4313.07	3/2/99	**21.553**	ND	ND	**0.843**	**22.396**
21	72-78"	5119.57	1/24/00	ND	ND	ND	ND	ND
21	84-90"	5119.58	1/24/00	ND	ND	ND	ND	ND
21	96-102"	5119.59	1/24/00	ND	ND	ND	ND	ND
21	108-114"	5119.60	1/24/00	ND	ND	ND	ND	ND
21A	0-6"	4903.09	11/1/99	ND	ND	ND	ND	ND
21A	12-18"	4903.10	11/1/99	ND	ND	ND	ND	ND
21A	24-30"	4903.11	11/1/99	ND	ND	ND	ND	ND
21A	36-42"	4903.12	11/1/99	ND	ND	ND	ND	ND
21A	48-54"	4903.13	11/1/99	ND	ND	ND	ND	ND
21A	60-66"	4903.14	11/1/99	ND	ND	ND	ND	ND
21A	72-78"	4903.15	11/1/99	ND	ND	ND	ND	ND
21B	0-6"	4965.02	11/24/99	ND	ND	ND	ND	ND
21B	12-18"	4965.03	11/24/99	ND	ND	ND	ND	ND
21B	24-30"	4965.04	11/24/99	ND	ND	ND	ND	ND
21B	36-42"	4965.05	11/24/99	ND	ND	ND	ND	ND
21B	48-54"	4965.06	11/24/99	ND	ND	ND	ND	ND
21B	60-66"	4965.07	11/24/99	ND	ND	ND	ND	ND
21B	72-78"	4965.08	11/24/99	ND	ND	ND	ND	ND
21B	84-90"	4965.09	11/24/99	ND	ND	ND	ND	ND
22	0-6"	4313.11	3/2/99	ND	ND	ND	ND	ND
22	12-18"	4313.12	3/2/99	ND	ND	ND	ND	ND
22	24-30"	4313.13	3/2/99	0.185	ND	ND	0.090	0.275
22	36-42"	4313.14	3/2/99	0.193	ND	ND	ND	0.193
22	48-54"	4313.15	3/2/99	0.429	ND	ND	0.086	**0.515**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Data (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
22	60-66"	4313.16	3/2/99	ND	ND	ND	0.064	0.064
23	0-6"	4313.18	3/2/99	ND	ND	ND	ND	ND
23	12-18"	4313.19	3/2/99	ND	ND	ND	ND	ND
23	24-30"	4313.20	3/2/99	ND	ND	ND	ND	ND
23	36-42"	4313.21	3/2/99	ND	ND	ND	ND	ND
23	48-54"	4313.22	3/2/99	**0.831**	ND	ND	0.083	**0.914**
23	60-66"	4313.23	3/2/99	ND	ND	ND	ND	ND
24	0-6"	4316.02	3/3/99	ND	ND	ND	ND	ND
24	12-18"	4316.03	3/3/99	ND	ND	ND	ND	ND
24	24-30"	4316.04	3/3/99	ND	ND	ND	ND	ND
24	36-42"	4316.05	3/3/99	ND	ND	ND	ND	ND
24	48-54"	4316.06	3/3/99	ND	ND	ND	ND	ND
24	60-66"	4316.07	3/3/99	ND	ND	ND	ND	ND
24A	0-6"	4903.02	11/1/99	ND	ND	ND	ND	ND
24A	12-18"	4903.03	11/1/99	ND	ND	ND	ND	ND
24A	24-30"	4903.04	11/1/99	ND	ND	ND	ND	ND
24A	36-42"	4903.05	11/1/99	ND	ND	ND	ND	ND
24A	48-54"	4903.06	11/1/99	ND	ND	ND	ND	ND
24A	60-66"	4903.07	11/1/99	ND	ND	ND	ND	ND
24A	72-78"	4903.08	11/1/99	ND	**5.364**	ND	ND	**5.364**
24A	84-90"	5119.69	1/24/00	ND	ND	ND	ND	ND
24A	96-102"	5119.70	1/24/00	ND	ND	ND	ND	ND
24A	108-114"	5119.71	1/24/00	ND	ND	ND	ND	ND
24A	120-126"	5119.72	1/24/00	ND	ND	ND	ND	ND
24A	132-138"	5119.73	1/24/00	ND	ND	ND	ND	ND
24B	0-6"	4965.11	11/24/99	ND	ND	ND	ND	ND
24B	12-18"	4965.12	11/24/99	ND	ND	ND	ND	ND
24B	24-30"	4965.13	11/24/99	ND	ND	ND	ND	ND
24B	36-42"	4965.14	11/24/99	ND	ND	ND	ND	ND
24B	48-54"	4965.15	11/24/99	ND	ND	ND	ND	ND
24B	60-66"	4965.16	11/24/99	ND	ND	ND	ND	ND
24B	72-78"	4965.17	11/24/99	ND	ND	ND	ND	ND
24B	84-90"	4965.18	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	0-6"	4965.20	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	12-18"	4965.21	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	24-30"	4965.22	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	36-42"	4965.23	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	48-54"	4965.24	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	60-66"	4965.25	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	72-78"	4965.26	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	84-90"	4965.27	11/24/99	ND	ND	ND	ND	ND
24C	0-6"	5119.74	1/24/00	ND	ND	ND	ND	ND
24C	12-18"	5119.75	1/24/00	ND	ND	ND	ND	ND
24C	24-30"	5119.76	1/24/00	ND	ND	ND	ND	ND
24C	36-42"	5119.77	1/24/00	ND	**9.354**	ND	ND	**9.354**
24C	48-54"	5119.78	1/24/00	ND	**805.055**	ND	ND	**805.055**
24C	60-66"	5119.79	1/24/00	ND	**48.835**	ND	ND	**48.835**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
24C	72-78"	5148.05	2/7/00	ND	ND	ND	ND	ND
24C	84-90"	5148.06	2/7/00	ND	ND	ND	ND	ND
24C	96-102"	5148.07	2/7/00	ND	ND	ND	ND	ND
24C	108-114"	5148.08	2/7/00	ND	ND	ND	ND	ND
24D	0-6"	5148.69	2/7/00	ND	ND	ND	ND	ND
24D	12-18"	5148.70	2/7/00	ND	ND	ND	ND	ND
24D	24-30"	5148.71	2/7/00	ND	ND	ND	ND	ND
24D	36-42"	5148.72	2/7/00	ND	ND	ND	ND	ND
24D	48-54"	5148.73	2/7/00	ND	ND	ND	ND	ND
24D	60-66"	5148.74	2/7/00	ND	ND	ND	ND	ND
24D	72-78"	5148.75	2/7/00	ND	ND	ND	ND	ND
24D	84-90"	5148.76	2/7/00	ND	ND	ND	ND	ND
24D	96-102"	5148.77	2/7/00	ND	ND	ND	ND	ND
24D	108-114"	5148.78	2/7/00	ND	ND	ND	ND	ND
24E	0-6"	5148.79	2/7/00	ND	ND	ND	ND	ND
24E	12-18"	5148.80	2/7/00	ND	ND	ND	ND	ND
24E	24-30"	5148.81	2/7/00	ND	ND	**0.596**	ND	**0.596**
24E	36-42"	5148.82	2/7/00	ND	ND	ND	ND	ND
24E	48-54"	5148.83	2/7/00	ND	ND	ND	**0.591**	**0.591**
24E	60-66"	5148.84	2/7/00	ND	ND	ND	ND	ND
24E	72-78"	5148.85	2/7/00	ND	ND	ND	ND	ND
24E	84-90"	5148.86	2/7/00	ND	ND	ND	ND	ND
24E	96-102"	5148.87	2/7/00	ND	ND	ND	ND	ND
24E	108-114"	5148.88	2/7/00	ND	ND	ND	ND	ND
24F	0-6"	5148.89	2/7/00	ND	ND	ND	ND	ND
24F	12-18"	5148.90	2/7/00	ND	ND	ND	ND	ND
24F	24-30"	5148.91	2/7/00	ND	ND	ND	ND	ND
24F	36-42"	5148.92	2/7/00	ND	ND	ND	ND	ND
24F	48-54"	5148.93	2/7/00	ND	ND	ND	ND	ND
24F	60-66"	5148.94	2/7/00	ND	ND	ND	ND	ND
24F	72-78"	5148.95	2/7/00	ND	ND	ND	ND	ND
24F	84-90"	5148.96	2/7/00	ND	ND	ND	ND	ND
24F	96-102"	5148.97	2/7/00	ND	ND	ND	**4.126**	**4.126**
24F	108-114"	5148.98	2/7/00	ND	ND	ND	**1.756**	**1.756**
24G	0-6"	5148.99	2/7/00	ND	ND	ND	ND	ND
24G	12-18"	5148.100	2/7/00	ND	ND	ND	ND	ND
24G	24-30"	5148.101	2/7/00	ND	ND	ND	ND	ND
24G	36-42"	5148.102	2/7/00	ND	ND	ND	ND	ND
24G	48-54"	5148.103	2/7/00	ND	ND	ND	ND	ND
24G	60-66"	5148.104	2/7/00	ND	ND	ND	ND	ND
24G	72-78"	5148.105	2/7/00	ND	ND	ND	ND	ND
24G	84-90"	5148.106	2/7/00	ND	ND	ND	ND	ND
24G	96-102"	5148.107	2/7/00	ND	ND	ND	ND	ND
24G	108-114"	5148.108	2/7/00	ND	ND	ND	ND	ND
24H	0-6"	5148.109	2/7/00	ND	ND	ND	ND	ND
24H	12-18"	5148.110	2/7/00	ND	ND	ND	ND	ND
24H	24-30"	5148.111	2/7/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
24H	36-42"	5148.112	2/7/00	ND	ND	ND	ND	ND
24H	48-54"	5148.113	2/7/00	ND	ND	ND	ND	ND
24H	60-66"	5148.114	2/7/00	ND	ND	ND	ND	ND
24H	72-78"	5148.115	2/7/00	ND	ND	ND	ND	ND
24H	84-90"	5148.116	2/7/00	ND	ND	ND	ND	ND
24H	96-102"	5148.117	2/7/00	ND	ND	ND	ND	ND
24H	108-114"	5148.118	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	72-78"	5148.119	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	84-90"	5148.120	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	96-102"	5148.121	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	108-114"	5148.122	2/7/00	ND	ND	ND	ND	ND
25	0-6"	4316.09	3/3/99	ND	ND	ND	ND	ND
25	12-18"	4316.10	3/3/99	ND	ND	ND	ND	ND
25	24-30"	4316.11	3/3/99	ND	ND	ND	ND	ND
25	36-42"	4316.12	3/3/99	**0.653**	ND	ND	**0.690**	**1.343**
25	48-54"	4316.13	3/3/99	ND	ND	ND	0.039	0.039
25	60-66"	4316.14	3/3/99	ND	ND	**7.057**	ND	**7.057**
25	72-78"	5119.61	1/24/00	ND	ND	ND	ND	ND
25	84-90"	5119.62	1/24/00	ND	ND	ND	ND	ND
25	96-102"	5119.63	1/24/00	ND	ND	ND	ND	ND
25	108-114"	5119.64	1/24/00	ND	ND	ND	ND	ND
26	0-6"	4316.16	3/3/99	ND	ND	ND	0.020	0.020
26	12-18"	4316.17	3/3/99	ND	ND	ND	ND	ND
26	24-30"	4316.18	3/3/99	ND	ND	ND	ND	ND
26	36-42"	4316.19	3/3/99	0.320	ND	ND	0.383	**0.703**
26	48-54"	4316.20	3/3/99	**1.132**	ND	ND	0.026	**1.158**
26	60-66"	4316.21	3/3/99	**4.231**	ND	ND	ND	**4.231**
26	72-78"	5119.65	1/24/00	ND	ND	ND	ND	ND
26	84-90"	5119.66	1/24/00	ND	ND	ND	ND	ND
26	96-102"	5119.67	1/24/00	ND	ND	ND	ND	ND
26	108-114"	5119.68	1/24/00	ND	ND	ND	ND	ND
27	0-6"	4316.23	3/3/99	ND	ND	ND	ND	ND
27	12-18"	4316.24	3/3/99	ND	ND	ND	ND	ND
27	24-30"	4316.25	3/3/99	ND	ND	ND	ND	ND
27	36-42"	4316.26	3/3/99	ND	ND	ND	**0.707**	**0.707**
27	48-54"	4316.27	3/3/99	ND	ND	ND	ND	ND
27	60-66"	4316.28	3/3/99	ND	ND	ND	0.033	0.033
27A	0-6"	4903.23	11/1/99	ND	ND	ND	ND	ND
27A	12-18"	4903.24	11/1/99	ND	ND	ND	ND	ND
27A	24-30"	4903.25	11/1/99	ND	ND	ND	ND	ND
27A	36-42"	4903.26	11/1/99	ND	ND	ND	ND	ND
27A	48-54"	4903.27	11/1/99	ND	ND	ND	ND	ND
27A	60-66"	4903.28	11/1/99	ND	ND	ND	ND	ND
27A	72-78"	4903.29	11/1/99	ND	ND	ND	ND	ND
27B	0-6"	4963.38	11/23/99	ND	ND	ND	ND	ND
27B	12-18"	4963.39	11/23/99	ND	ND	ND	ND	ND
27B	24-30"	4963.40	11/23/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 1
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
27B	36-42"	4963.41	11/23/99	ND	ND	ND	ND	ND
27B	48-54"	4963.42	11/23/99	ND	ND	ND	ND	ND
27B	60-66"	4963.43	11/23/99	ND	ND	ND	ND	ND
27B	72-78"	4963.44	11/23/99	ND	ND	ND	ND	ND
27B	84-90"	4963.45	11/23/99	ND	ND	ND	ND	ND
27A Field Dup	0-6"	4903.34	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	12-18"	4903.35	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	24-30"	4903.36	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	36-42"	4903.37	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	48-54"	4903.38	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	60-66"	4903.39	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	72-78"	4903.40	11/1/99	ND	ND	ND	ND	ND
28	0-6"	4320.04	3/5/99	ND	ND	ND	ND	ND
28	12-18"	4320.05	3/5/99	ND	ND	ND	0.020	0.020
28	24-30"	4320.06	3/5/99	0.224	ND	ND	0.196	0.420
28	36-42"	4320.07	3/5/99	ND	ND	ND	ND	ND
28	48-54"	4320.08	3/5/99	**0.620**	ND	ND	0.231	**0.851**
28	60-66"	4320.09	3/5/99	**0.654**	ND	ND	0.315	**0.969**
29	0-6"	4320.10	3/5/99	ND	ND	ND	ND	ND
29	12-18"	4320.11	3/5/99	ND	ND	ND	ND	ND
29	24-30"	4320.12	3/5/99	ND	ND	ND	ND	ND
29	36-42"	4320.13	3/5/99	ND	ND	ND	ND	ND
29	48-54"	4320.14	3/5/99	ND	ND	ND	ND	ND
29	60-66"	4320.15	3/5/99	0.216	ND	ND	0.116	0.332
30	0-6"	4320.16	3/5/99	ND	ND	ND	ND	ND
30	12-18"	4320.17	3/5/99	ND	ND	ND	ND	ND
30	24-30"	4320.18	3/5/99	ND	ND	ND	0.049	0.049
30	36-42"	4320.19	3/5/99	ND	ND	ND	ND	ND
30	48-54"	4320.20	3/5/99	ND	ND	ND	ND	ND
30	60-66"	4320.21	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	0-6"	4320.22	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	12-18"	4320.23	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	24-30"	4320.24	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	36-42"	4320.25	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	48-54"	4320.26	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	60-66"	4320.27	3/5/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2
PCB Geoprobe Groundwater Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1260	Total PCB
Regulatory Level (ug/L)*				0.50	0.50	0.50	0.50
1	7-10'	4281.27	2/17/99	0.33	ND	0.232	**0.562**
2	7-10'	4281.28	2/17/99	ND	ND	ND	ND
3	7-10'	4281.29	2/17/99	ND	ND	ND	ND
3A	8-11'	4897.04	10/29/99	ND	ND	ND	ND
3B	8-11'	4963.28	11/23/99	ND	ND	ND	ND
4	7-10'	4281.30	2/17/99	**0.572**	ND	ND	**0.572**
5	7-10'	4285.20	2/19/99	ND	ND	ND	ND
6	7-10'	4285.21	2/19/99	ND	ND	ND	ND
6A	8-11'	4897.06	10/29/99	ND	ND	ND	ND
6B	8-11'	4963.19	11/23/99	ND	ND	ND	ND
7	7-10'	4285.22	2/19/99	0.412	ND	ND	0.412
8	7-10'	4290.32	2/22/99	0.414	ND	ND	0.414
9	7-10'	4290.33	2/22/99	**0.508**	ND	ND	**0.508**
9A	8-11'	4897.07	10/29/99	ND	ND	ND	ND
9B	8-11'	4963.10	11/23/99	ND	**11.950**	ND	**11.950**
10	7-10'	4290.34	2/22/99	**0.686**	ND	ND	**0.686**
10A	8-11'	4897.02	10/29/99	ND	ND	ND	ND
11	7-10'	4290.35	2/22/99	ND	ND	ND	ND
11A	8-11'	4897.03	10/29/99	ND	ND	ND	ND
12	7-10'	4290.36	2/22/99	ND	ND	ND	ND
13	7-10'	4294.20	2/23/99	0.133	ND	ND	0.133
14	7-10'	4294.21	2/23/99	ND	ND	ND	ND
15	7-10'	4294.22	2/23/99	ND	ND	ND	ND
15A	8-11'	4897.05	10/29/99	ND	ND	ND	ND
15B	8-11'	4963.37	11/23/99	ND	**11.140**	ND	**11.140**
16	8-10'	4299.02	2/24/99	ND	ND	ND	ND
17	7-10'	4320.02	3/5/99	0.366	ND	ND	0.366
18	7-10'	4320.03	3/5/99	ND	ND	ND	ND
18A	7-11'	4903.32	11/1/99	ND	ND	ND	ND
18B	8-11'	4963.55	11/23/99	ND	ND	ND	ND
19	7-10'	4313.08	3/2/99	ND	ND	ND	ND
20	7-10'	4313.09	3/2/99	0.262	ND	ND	0.262
21	7-10'	4313.10	3/2/99	**2.235**	ND	0.152	**2.387**
21A	7-11'	4903.31	11/1/99	ND	ND	ND	ND
21B	8-11'	4965.10	11/24/99	ND	ND	ND	ND
22	7-10'	4313.17	3/2/99	0.260	ND	ND	0.260
23	7-10'	4313.24	3/2/99	**0.772**	ND	ND	**0.772**
24	8-10'	4316.08	3/3/99	ND	ND	ND	ND
24A	7-11'	4903.30	11/1/99	ND	ND	ND	ND
24B	8-11'	4965.19	11/24/99	ND	ND	ND	ND
25	7-10'	4316.15	3/3/99	ND	ND	ND	ND
26	7-10'	4316.22	3/3/99	ND	ND	ND	ND
27	7-10'	4316.29	3/3/99	ND	ND	ND	ND
27A	7-11'	4903.33	11/1/99	ND	ND	ND	ND
27B	8-11'	4963.46	11/23/99	ND	ND	ND	ND
Field Dup	7-11'	4903.41	11/1/99	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
* Regulatory level shown is higher of PQL and Ground Water Criteria (GWQC) as per NJAC 7:9-6.
Exceedances of the GWQC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2
PCB Geoprobe Groundwater Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1260	Total PCB
Regulatory Level (ug/L)*				0.50	0.50	0.50	0.50
24B Field Dup	8-11'	4965.28	11/24/99	ND	ND	ND	ND
Field Blank	-	4281.02	2/17/99	ND	ND	ND	ND
Field Blank	-	4285.01	2/19/99	ND	ND	ND	ND
Field Blank	-	4290.01	2/22/99	ND	ND	ND	ND
Field Blank	-	4294.01	2/23/99	ND	ND	ND	ND
Field Blank	-	4299.01	2/24/99	ND	ND	ND	ND
Field Blank	-	4313.01	3/2/99	ND	ND	ND	ND
Field Blank	-	4316.01	3/3/99	ND	ND	ND	ND
Field Blank	-	4320.01	3/5/99	ND	ND	ND	ND
Field Blank	-	4897.01	10/29/99	ND	ND	ND	ND
Field Blank	-	4903.01	11/1/99	ND	ND	ND	ND
Field Blank	-	4963.01	11/23/99	ND	ND	ND	ND
Field Blank	-	4965.01	11/24/99	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
* Regulatory level shown is higher of PQL and Ground Water Criteria (GWQC) as per NJAC 7:9-6.
Exceedances of the GWQC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
31	78"	4328.03	3/8/99	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	78"	4328.05	3/8/99	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	78"	4328.07	3/8/99	0.510 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	78"	4332.03	3/9/99	0.940	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	36"	4332.05	3/9/99	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND
36	42"	4332.07	3/9/99	0.85	ND	0.72	ND	ND	ND	ND	ND	ND	ND
37	78"	4332.09	3/9/99	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	78"	4334.03	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	78"	4334.05	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	78"	4334.07	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	78"	4334.09	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	78"	4334.11	3/10/99	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND
43	78"	4339.03	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	78"	4339.05	3/11/99	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND
45	78"	4350.03	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	72"	4350.05	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	72"	4350.07	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	72"	4350.09	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	72"	4355.03	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	72"	4355.05	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	72"	4355.07	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	72"	4355.09	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	72"	4355.11	3/17/99	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	72"	4355.13	3/17/99	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	72"	4355.15	3/17/99	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	72"	4355.17	3/17/99	0.56 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	72"	4358.03	3/18/99	ND	1.5	1.4	ND	ND	ND	ND	ND	ND	ND
57	72"	4358.05	3/18/99	ND	ND	0.43	ND	ND	ND	ND	ND	ND	ND
58	72"	4358.07	3/18/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	72"	4358.09	3/18/99	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND
59A	72"	4368.03	3/23/99	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND
60	72"	4368.05	3/23/99	ND	ND	1.00	ND	ND	0.710 J	ND	ND	ND	ND
61	72"	4368.07	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	39"	4368.09	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	72"	4368.11	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	72"	4368.13	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	72"	4368.15	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
66	78"	4381.03	3/30/99	ND	ND	ND	0.43	ND	ND	ND	ND	ND	ND
67	78"	4381.05	3/30/99	ND	ND	0.51	ND	0.4 J	0.55	ND	ND	ND	ND
68	48"	4381.07	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69	48"	4381.09	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
70	78"	4381.11	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71	72"	4396.03	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72	66"	4396.05	4/6/99	ND	ND	ND	0.600	0.680 J	2.75	ND	0.420	ND	ND
73	66"	4396.07	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
74	72"	4407.03	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75	72"	4407.05	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
76	48"	4407.07	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	48"	4407.09	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
77	78"	4414.03	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78	78"	4414.05	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79	42"	4414.07	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
80	54"	4414.09	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
81	66"	4417.03	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
82	46"	4417.05	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
83	90"	4417.07	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84	90"	4417.09	4/14/99	1.6	ND	ND	0.62	0.41 J	2.5	ND	2	ND	ND
85	90"	4417.11	4/14/99	ND	ND	ND	0.68	ND	ND	ND	ND	ND	ND
86	90"	4417.13	4/14/99	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND
87	60"	4422.03	4/16/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
88	46"	4422.05	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
89	72"	4422.07	4/16/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
90	72"	4422.09	4/16/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
91	72"	4422.11	4/16/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
92	90"	4433.03	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
93	72"	4433.05	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
94	72"	4433.07	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95	90"	4433.09	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
96	90"	4433.11	4/21/99	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND
97	78"	4442.03	4/26/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
98	78"	4442.05	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
99	66"	4442.07	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100	60"	4442.09	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
101	108"	4442.11	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
102	90"	4445.03	4/27/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
103	90"	4445.05	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
104	96"	4445.07	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
105	60"	4445.09	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106	72"	4445.11	4/27/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
107	108"	4445.13	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4445.15	4/27/99	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
108	60"	4461.03	5/4/99	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
109	60"	4461.05	5/4/99	1.1	ND	ND	0.34	ND	ND	ND	ND	ND	ND
110	60"	4461.07	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
111	48"	4461.09	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
112	48"	4461.11	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113	60"	4465.03	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114	60"	4465.05	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND
115	60"	4465.07	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.0	ND
116	60"	4465.09	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND
117	54"	4465.11	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND
118	54"	4465.13	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	60"	4465.15	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND
64A	90"	4912.03	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65A	90"	4912.05	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66A	90"	4912.07	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67A	90"	4912.09	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68A	90"	4912.11	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69A	90"	4912.13	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64B	90"	4915.03	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65B	90"	4915.05	11/4/99	0.99	ND	ND	ND	ND	ND	ND	ND	ND	ND
66B	90"	4915.07	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67B	90"	4915.09	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68B	90"	4915.11	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69B	90"	4915.13	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113A	90"	4931.03	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114A	90"	4931.05	11/8/99	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND
115A	90"	4931.07	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116A	90"	4931.09	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117A	90"	4933.03	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114B	90"	4933.05	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
115B	90"	4933.07	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116B	90"	4933.09	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117B	90"	4933.11	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118B	90"	4933.13	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4933.15	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114C	90"	4968.03	11/30/99	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
115C	90"	4968.05	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116C	90"	4968.07	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117C	90"	4968.09	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118C	90"	4968.11	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
119C	90"	4968.13	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113D	90"	4971.03	12/1/99	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
114D	90"	4971.05	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115D	90"	4971.07	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116D	90"	4971.09	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117D	90"	4971.11	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35
118D	90"	4972.03	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113E	90"	4972.05	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39
114E	90"	4972.07	12/2/99	ND	ND	ND	ND	1.1	4	ND	0.54	ND	0.49
115E	90"	4972.09	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116E	90"	4972.11	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4972.13	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117E	90"	4979.03	12/3/99	5.0	ND	ND	ND	ND	ND	ND	ND	ND	0.31
118E	90"	4979.05	12/3/99	1.2	ND	ND	ND	ND	ND	ND	ND	ND	0.29
64C	96"	4979.07	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65C	96"	4979.09	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66C	96"	4979.11	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67C	96"	4979.13	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68C	96"	4979.15	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64D	96"	4990.03	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65D	96"	4990.05	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66D	96"	4990.07	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67D	96"	4990.09	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68D	96"	4995.03	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55
64E	96"	4995.05	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43
65E	96"	4995.07	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34
66E	96"	4995.09	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
67E	96"	4995.11	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41
Field Dup	96"	4995.13	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44
113F	32-42"	5058.03	1/3/00	ND	ND	ND	ND	ND	ND	6.7	ND	ND	0.55
113F	60-66"	5058.04	1/3/00	ND	ND	ND	ND	ND	ND	7.3	ND	ND	0.76
114F	30-36"	5058.05	1/3/00	ND	ND	ND	ND	ND	ND	7.6	ND	ND	0.86
114F	60-66"	5058.06	1/3/00	ND	ND	ND	ND	ND	ND	7.5	ND	ND	0.83
115F	36-42"	5058.07	1/3/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115F	54-60"	5058.08	1/3/00	ND	ND	ND	ND	ND	ND	6.2	ND	ND	0.77
115F	60-66"	5058.09	1/3/00	ND	ND	ND	ND	ND	ND	7.2	ND	ND	0.84
116F	12-18"	5058.10	1/3/00	ND	ND	ND	ND	ND	ND	7.00	ND	ND	0.78
116F	60-66"	5058.11	1/3/00	ND	ND	ND	ND	ND	ND	5.00	ND	ND	0.52
117F	30-36"	5058.12	1/3/00	0.67	ND	ND	ND	ND	ND	4.9	ND	ND	0.59
117F	72-78"	5058.13	1/3/00	0.37 J	ND	ND	ND	ND	ND	4.5	ND	ND	0.68
118F	36-42"	5058.14	1/3/00	ND	ND	ND	ND	ND	ND	4.7	ND	ND	0.67
118F	60-66"	5058.15	1/3/00	ND	ND	ND	ND	ND	ND	4.5	ND	ND	0.74
113G	30-36"	5064.03	1/4/00	0.64	ND	ND	ND	ND	ND	1.7	ND	ND	1.4
113G	60-66"	5064.04	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.3	1.5
113G	66-72"	5064.05	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
114G	60-66"	5064.06	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
115G	18-24'	5064.07	1/4/00	ND	ND	ND	ND	ND	ND	1.4	ND	ND	1.5
115G	72-78"	5064.08	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.4	1.7
116G	72-78"	5064.09	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
117G	18-24"	5064.10	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.3
117G	72-78"	5064.11	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.6	1.6
118G	30-36"	5064.18	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
118G	42-48"	5064.19	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	2.5	1.6
115H	36-42"	5072.03	1/5/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	0.40
115H	60-66"	5072.04	1/5/00	ND	ND	ND	ND	ND	ND	2.2	ND	4.7	0.52
116H	36-42"	5072.05	1/5/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	0.44
116H	54-60"	5072.06	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.5	0.52
116H	72-78"	5072.07	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.5	0.50
117H	24-30"	5072.08	1/5/00	ND	ND	ND	ND	ND	ND	1.5	ND	3.3	0.44
117H	54-60"	5072.09	1/5/00	ND	0.99	ND	ND	ND	ND	4.5	ND	10	1.3
117H	60-66"	5072.10	1/5/00	ND	ND	ND	ND	ND	ND	1.8	ND	3.3	ND
118H	18-24"	5072.11	1/5/00	ND	ND	ND	ND	ND	ND	1.8	ND	4.2	0.42
118H	36-42"	5072.12	1/5/00	ND	ND	ND	ND	ND	ND	2.4	ND	5.3	0.52
113H	48-54"	5072.13	1/5/00	ND	ND	ND	ND	ND	ND	2.0	ND	4.3	0.54

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
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Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 3
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
113H	54-60"	5072.14	1/5/00	ND	ND	0.84	ND	ND	ND	2.7	ND	5.6	0.93
114H	24-30"	5072.15	1/5/00	ND	ND	ND	ND	ND	ND	ND	ND	3.5	0.56
114H	54-60'	5072.16	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.6	0.59
114H	60-66"	5072.17	1/5/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	0.33
118I	54-60"	5075.03	1/6/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.7	0.55
116I	54-60"	5075.04	1/6/00	ND	ND	ND	ND	ND	ND	4.6	ND	9.5	0.98
113I	54-60"	5075.05	1/6/00	ND	ND	ND	ND	ND	ND	1.7	ND	ND	0.81
114I	54-60"	5075.06	1/6/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	0.63
115I	54-60"	5075.07	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	5.1	0.68
117I	54-60"	5075.08	1/6/00	ND	ND	ND	ND	ND	ND	1.3	ND	ND	0.62
67F	24-30"	5085.02	1/10/00	ND	ND	ND	ND	ND	ND	1.2	ND	2.4	0.49
67F	48-54"	5085.03	1/10/00	ND	ND	ND	ND	ND	ND	0.99	ND	1.7	0.48
65F	48-54"	5085.04	1/10/00	ND	ND	5.1	ND	ND	ND	1.6 J	ND	2.8	0.86
64F	48-54"	5085.05	1/10/00	ND	ND	ND	ND	ND	ND	0.97	ND	1.8	0.44
66F	48-54"	5085.06	1/10/00	ND	ND	6.0	ND	ND	ND	1.0	ND	2.0	0.51
68F	78-84"	5091.03	1/11/00	3.0	ND	5.0	ND	ND	ND	2.4	ND	5.3	1.2
69F	78-84"	5091.04	1/11/00	1.1	ND	ND	ND	ND	ND	1.2	ND	3.0	0.53
64G	84-90"	5091.05	1/11/00	0.94	ND	ND	ND	ND	ND	1.1	ND	2.3	0.49
65G	84-90"	5091.06	1/11/00	0.81	ND	ND	ND	ND	ND	1.8	ND	3.9	0.55
66G	80-86"	5091.07	1/11/00	0.84	ND	ND	ND	ND	ND	0.88 J	ND	1.7	0.5
67G	78-84"	5091.08	1/11/00	0.96	ND	ND	ND	ND	ND	ND	ND	2.0	0.51
69G	60-66"	5096.03	1/12/00	ND	ND	ND	ND	ND	0.35 J	ND	ND	ND	0.87
68G	60-66"	5096.04	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.86
64H	60-66"	5096.05	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5
65H	60-66"	5096.06	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	4.1	1.0
66H	60-66"	5096.07	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	3.2	0.85
67H	60-66"	5096.08	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	4.9	1.4
H68	18-24"	5102.03	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H68	60-66"	5102.04	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H69	60-66"	5102.05	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
31	7-10'	4328.04	3/8/99	ND	ND	1.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	7-10'	4328.06	3/8/99	ND	ND	**24.37**	**4.58**	ND	ND	ND	ND	ND	4.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	7-10'	4328.08	3/8/99	ND	ND	**14.60**	**4.65**	ND	ND	ND	ND	ND	2.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	7-10'	4332.04	3/9/99	ND	ND	**68.09**	**4.97**	ND	ND	ND	ND	ND	10.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	7-10'	4332.06	3/9/99	ND	ND	**45.46**	**5.43**	ND	ND	ND	ND	ND	7.70	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND
36	7-10'	4332.08	3/9/99	ND	ND	**32.68**	**1.76**	ND	ND	ND	ND	ND	9.57	ND	2.61	ND	ND	ND	ND	ND	ND	ND	ND
37	7-10'	4332.10	3/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	7-10'	4334.04	3/10/99	ND	ND	**17.70**	**4.64**	1.12	7.82	ND	ND	ND	4.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	7-10'	4334.06	3/10/99	ND	ND	**9.16**	**1.63**	ND	ND	ND	ND	ND	2.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	7-10'	4334.08	3/10/99	ND	ND	**20.75**	**3.60**	ND	ND	ND	ND	ND	4.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	7-10'	4334.10	3/10/99	ND	ND	**23.57**	**2.43**	ND	ND	ND	ND	ND	7.52	ND	1.70	ND	ND	ND	ND	ND	ND	ND	ND
42	7-10'	4334.12	3/10/99	ND	ND	**14.84**	**2.47**	ND	ND	ND	ND	ND	5.78	ND	1.21	ND	ND	ND	ND	ND	ND	ND	ND
43	7-10'	4339.04	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	7-10'	4339.06	3/11/99	ND	ND	**55.53**	**3.21**	ND	ND	ND	ND	ND	5.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	7-10'	4350.04	3/16/99	ND	ND	**17.42**	**3.03**	ND	ND	ND	ND	ND	2.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	6.5-9.5'	4350.06	3/16/99	ND	ND	3.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	6.5-9.5'	4350.08	3/16/99	ND	ND	**7.62**	**2.72**	ND	ND	ND	ND	ND	3.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	6.5-9.5'	4350.10	3/16/99	ND	ND	**6.66**	**1.30**	ND	ND	ND	ND	ND	5.16	ND	ND	**6.51**	**16.71**	**15.75**	2.62	**72.00**	ND	ND	ND
49	6.5-9.5'	4355.04	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	6.5-9.5'	4355.06	3/17/99	ND	ND	**8.64**	ND	ND	ND	1.06	ND	ND	3.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	6.5-9.5'	4355.08	3/17/99	ND	ND	**15.08**	**2.24**	ND	ND	ND	ND	ND	5.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	6.5-9.5'	4355.10	3/17/99	ND	ND	**11.64**	**1.26**	ND	ND	ND	ND	ND	3.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	6.5-9.5'	4355.12	3/17/99	ND	ND	1.53	ND	ND	ND	ND	ND	ND	1.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	6.5-9.5'	4355.14	3/17/99	ND	ND	2.57	ND	ND	ND	ND	ND	ND	3.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	6.5-9.5'	4355.16	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	6.5-9.5'	4355.18	3/17/99	ND	ND	**11.68**	**1.32**	ND	ND	ND	ND	ND	4.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	6.5-9.5'	4358.04	3/18/99	ND	ND	**22.41**	**2.87**	ND	ND	ND	ND	ND	4.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	6.5-9.5'	4358.06	3/18/99	ND	ND	**23.95**	**1.88**	ND	ND	ND	ND	ND	2.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	6.5-9.5'	4358.08	3/18/99	ND	ND	**33.98**	**1.50**	ND	ND	ND	ND	ND	3.24	ND	2.09	ND	ND	ND	ND	ND	ND	ND	ND
59	6.5-9.5'	4358.10	3/18/99	ND	ND	**22.39**	ND	ND	ND	ND	ND	ND	7.66	ND	1.91	ND	ND	ND	ND	ND	ND	ND	ND
59A	6.5-9.5'	4368.04	3/23/99	ND	ND	**17.00**	0.55	ND	ND	ND	ND	ND	5.42	ND	1.49	ND	ND	ND	ND	ND	ND	ND	ND
60	6.5-9.5'	4368.06	3/23/99	ND	ND	**32.32**	**4.14**	ND	ND	ND	ND	ND	4.73	1.10	1.38	ND	ND	ND	ND	ND	ND	ND	ND
61	6.5-9.5'	4368.08	3/23/99	ND	ND	**23.13**	**4.01**	ND	ND	ND	ND	ND	4.15	0.93	0.84	ND	ND	ND	ND	ND	ND	ND	ND
62	6.5-9.5'	4368.10	3/23/99	ND	ND	**28.77**	**2.02**	ND	ND	ND	ND	ND	2.96	ND	1.12	ND	ND	ND	ND	ND	ND	ND	ND
63	6.5-9.5'	4368.12	3/23/99	ND	ND	**27.77**	**1.77**	ND	ND	ND	ND	ND	3.00	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND
64	6.5-9.5'	4368.14	3/23/99	ND	ND	**10.53**	ND	ND	ND	ND	ND	ND	1.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	6.5-9.5'	4368.16	3/23/99	ND	ND	**6.12**	ND	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
66	7-10'	4381.04	3/30/99	ND	ND	2.58	**3.51**	3.15	6.29	1.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	7-10'	4381.06	3/30/99	ND	ND	**26.99**	**2.91**	ND	ND	ND	ND	ND	6.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68	7-10'	4381.08	3/30/99	ND	ND	**5.13**	ND	ND	ND	ND	ND	ND	2.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69	4-7'	4381.10	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
70	7-10'	4381.12	3/30/99	ND	ND	1.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71	6.5-9.5'	4396.04	4/6/99	ND	ND	**12.20**	**1.75**	ND	ND	ND	ND	ND	1.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72	6-9'	4396.06	4/6/99	ND	ND	**20.04**	**3.66**	ND	ND	ND	ND	ND	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
73	6-9'	4696.08	4/6/99	ND	ND	**19.28**	**3.70**	ND	1.68	5.65	ND	ND	3.03	ND	1.02	ND	ND	ND	ND	ND	ND	ND	ND
74	6.5-9.5'	4407.04	4/9/99	ND	ND	**11.03**	**2.34**	ND	ND	ND	ND	ND	3.13	ND	3.20	ND	ND	ND	ND	ND	ND	ND	ND
75	6.5-9.5'	4407.06	4/9/99	ND	ND	**12.96**	**2.39**	ND	ND	ND	ND	ND	3.48	1.12	1.09	ND	ND	ND	ND	ND	ND	ND	ND
76	4-7'	4407.08	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	4-7'	4407.10	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
77	7-10'	4414.04	4/13/99	ND	ND	**6.76**	ND	ND	ND	ND	ND	ND	2.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78	7-10'	4414.06	4/13/99	ND	1.25	**5.44**	ND	ND	ND	ND	ND	ND	1.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79	5-8'	4414.08	4/13/99	ND	ND	**7.09**	**2.41**	ND	ND	ND	ND	ND	1.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
80	5-8'	4414.10	4/13/99	ND	ND	1.21	ND	ND	ND	ND	24.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
81	6-9'	4417.04	4/14/99	ND	ND	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
82	4-7'	4417.06	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
83	8-11'	4417.08	4/14/99	ND	ND	**5.49**	ND	ND	ND	ND	ND	ND	1.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84	8-11'	4417.10	4/14/99	ND	ND	2.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85	8-11'	4417.12	4/14/99	ND	ND	**4.90**	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
86	8-11'	4417.14	4/14/99	ND	ND	**4.74**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87	5.5-8.5'	4422.04	4/16/99	ND	ND	1.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
88	4-7'	4422.06	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
89	6.5-9.5'	4422.08	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
90	6.5-9.5'	4422.10	4/16/99	ND	ND	**9.05**	**1.62**	ND	ND	ND	ND	ND	2.24	ND	2.29	ND	ND	ND	ND	ND	ND	ND	ND
91	6.5-9.5'	4422.12	4/16/99	ND	ND	**9.24**	**1.92**	ND	ND	ND	ND	ND	3.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
92	8-11'	4433.04	4/21/99	ND	ND	2.10	ND	ND	ND	ND	ND	ND	2.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
93	6.5-9.5'	4433.06	4/21/99	ND	ND	**4.88**	ND	ND	ND	ND	ND	ND	3.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
94	6.5-9.5'	4433.08	4/21/99	ND	ND	**4.42**	ND	ND	ND	ND	ND	ND	3.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95	8-11'	4433.10	4/21/99	ND	2.05	**23.11**	**4.08**	ND	ND	ND	ND	ND	3.13	1.47	1.27	ND	ND	ND	ND	ND	ND	ND	ND
96	8-11'	4433.12	4/21/99	ND	ND	**8.38**	**1.54**	ND	ND	ND	ND	ND	1.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
97	7-10'	4442.04	4/26/99	ND	ND	2.58	**1.89**	ND	ND	ND	7.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98	7-10'	4442.06	4/26/99	ND	ND	2.71	**2.02**	ND	ND	ND	9.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
99	6-9'	4442.08	4/26/99	ND	ND	ND	ND	ND	ND	ND	10.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100	5.5-8.5'	4442.10	4/26/99	ND	ND	ND	ND	ND	ND	ND	11.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
101	9.5-12.5'	4442.12	4/26/99	ND	ND	**14.46**	**1.20**	ND	ND	ND	12.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

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PQL: Practical Quantitation Limit

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
102	8-11'	4445.04	4/27/99	ND	ND	**19.39**	**4.41**	ND	ND	1.68	ND	ND	3.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
103	8-11'	4445.06	4/27/99	ND	ND	**15.43**	**2.62**	ND	ND	1.15	4.82	ND	4.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
104	8.5-11.5'	4445.08	4/27/99	ND	1.72	**14.78**	**3.68**	ND	ND	ND	8.05	ND	9.00	1.63	1.17	ND	ND	ND	ND	ND	2.46	ND	ND
105	5.5-8.5'	4445.10	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106	6.5-9.5'	4445.12	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
107	9.5-12.5'	4445.144	4/27/99	ND	ND	**25.71**	ND	ND	ND	ND	ND	ND	4.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8-11'	4445.16	4/27/99	ND	ND	**16.63**	**3.01**	ND	ND	1.35	4.74	ND	3.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108	5.5-8.5'	4461.04	5/4/99	ND	ND	**42.54**	**1.43**	ND	ND	ND	9.08	ND	3.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
109	5.5-8.5'	4461.06	5/4/99	ND	ND	**45.15**	**1.37**	ND	ND	ND	7.72	ND	7.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
110	5.5-8.5'	4461.08	5/4/99	ND	ND	**57.37**	**1.66**	ND	ND	ND	2.39	ND	8.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
111	4.5-7.5'	4461.10	5/4/99	ND	ND	ND	**1.12**	ND	ND	ND	3.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
112	4.5-7.5'	4461.12	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113	5.5-8.5'	4465.04	5/6/99	ND	ND	**10.02**	ND	ND	ND	ND	ND	ND	2.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114	5.5-8.5'	4465.06	5/6/99	ND	ND	**8.83**	ND	ND	ND	ND	ND	ND	1.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115	5.5-8.5'	4465.08	5/6/99	ND	ND	**8.41**	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116	5.5-8.5'	4465.10	5/6/99	ND	ND	ND	ND	ND	ND	ND	4.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117	5-8'	4465.12	5/6/99	ND	ND	2.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118	5-8'	4465.14	5/6/99	ND	ND	ND	ND	ND	ND	ND	2.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	5.5-8.5'	4465.16	5/6/99	ND	ND	**9.66**	ND	ND	ND	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64A	8-11'	4912.04	11/3/99	ND	ND	**11.62**	ND	ND	ND	ND	12.02	ND	1.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65A	8-11'	4912.06	11/3/99	ND	ND	**7.57**	**1.17**	ND	ND	ND	ND	ND	2.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66A	8-11'	4912.08	11/3/99	ND	ND	**11.94**	**2.15**	1.42	2.49	1.62	53.79	ND	1.90	ND	ND	ND	ND	ND	ND	ND	186.75 D	ND	ND
67A	8-11'	4912.10	11/3/99	ND	ND	**16.36**	**2.75**	ND	3.93	1.31	ND	ND	3.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68A	8-11'	4912.12	11/3/99	ND	ND	**20.47**	ND	ND	ND	ND	ND	ND	2.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69A	8-11'	4912.14	11/3/99	ND	ND	**4.52**	ND	ND	1.39	ND	ND	ND	2.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64B	8-11'	4915.04	11/4/99	ND	ND	**42.09**	**1.12**	ND	ND	ND	ND	ND	3.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65B	8-11'	4915.06	11/4/99	ND	ND	**46.35**	**1.25**	ND	ND	ND	ND	ND	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66B	8-11'	4915.08	11/4/99	ND	ND	**21.25**	**3.82**	ND	ND	ND	ND	ND	4.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67B	8-11'	4915.10	11/4/99	ND	1.10	**13.46**	**4.05**	ND	ND	ND	ND	ND	3.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68B	8-11'	4915.12	11/4/99	ND	ND	**8.92**	**2.17**	ND	ND	ND	ND	ND	2.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69B	8-11'	4915.14	11/4/99	ND	1.71	**24.21**	**3.84**	ND	ND	ND	ND	ND	4.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113A	8-11'	4931.04	11/8/99	ND	ND	**32.01**	ND	ND	ND	ND	ND	ND	10.36	2.27	1.88	ND	ND	ND	ND	ND	ND	ND	ND
114A	8-11'	4931.06	11/8/99	ND	ND	**15.37**	**1.88**	ND	ND	ND	10.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115A	8-11'	4931.08	11/8/99	ND	ND	**14.12**	**3.86**	ND	ND	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116A	8-11'	4931.10	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117A	8-11'	4933.04	11/10/99	ND	ND	**20.31**	**4.23**	ND	ND	ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114B	8-11'	4933.06	11/10/99	ND	ND	**65.75**	**14.67**	ND	ND	ND	ND	ND	3.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

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PQL: Practical Quantitation Limit

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
Field Dup	8-11'	4933.16	11/10/99	ND	ND	**61.73**	**12.70**	ND	ND	ND	10.89	**26.80**	2.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115B	8-11'	4933.08	11/10/99	ND	ND	**70.53**	**13.33**	ND	ND	ND	ND	**26.06**	4.02	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND
116B	8-11'	4933.10	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117B	8-11'	4933.12	11/10/99	ND	ND	**9.90**	**5.18**	ND	ND	ND	ND	ND	1.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118B	8-11'	4933.14	11/10/99	ND	ND	3.84	**1.57**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114C	8-11'	4968.04	11/30/99	ND	ND	**80.15**	**9.47**	ND	3.48	2.29	ND	ND	11.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115C	8-11'	4968.06	11/30/99	ND	ND	**40.81**	**8.84**	ND	ND	ND	ND	ND	2.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116C	8-11'	4968.08	11/30/99	ND	ND	**48.22**	**4.68**	ND	ND	ND	8.40	ND	2.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117C	8-11'	4968.10	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118C	8-11'	4968.12	11/30/99	ND	ND	**13.57**	**4.03**	ND	ND	ND	18.59	ND	3.45	ND	ND	ND	ND	ND	ND	ND	6.40	ND	ND
119C	8-11'	4968.14	11/30/99	ND	ND	**8.58**	**2.59**	ND	ND	ND	8.83	ND	2.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113D	8-11'	4971.04	12/1/99	ND	ND	**19.33**	**2.53**	ND	ND	ND	ND	ND	1.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114D	8-11'	4971.06	12/1/99	ND	ND	**15.18**	**4.02**	ND	ND	1.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115D	8-11'	4971.08	12/1/99	ND	1.13	**17.44**	**3.87**	ND	ND	ND	ND	ND	1.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116D	8-11'	4971.10	12/1/99	ND	ND	**12.99**	**2.46**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117D	8-11'	4971.12	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118D	8-11'	4972.04	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113E	8-11'	4972.06	12/2/99	ND	ND	**23.96**	ND	ND	ND	ND	ND	ND	6.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114E	8-11'	4972.08	12/2/99	ND	ND	**13.98**	ND	ND	ND	ND	ND	ND	3.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115E	8-11'	4972.10	12/2/99	ND	1.60	**6.69**	**2.13**	ND	ND	ND	ND	ND	1.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116E	8-11'	4972.12	12/2/99	ND	ND	**12.85**	**4.60**	ND	ND	ND	ND	ND	2.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8-11'	4972.14	12/2/99	ND	ND	**9.47**	ND	ND	ND	ND	ND	ND	3.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117E	8-11'	4979.04	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118E	8-11'	4979.06	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64C	8.5-11.5'	4979.08	12/3/99	ND	ND	ND	ND	ND	ND	ND	3.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65C	8.5-11.5'	4979.10	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66C	8.5-11.5'	4979.12	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67C	8.5-11.5'	4979.14	12/3/99	ND	ND	**5.85**	**1.12**	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68C	8.5-11.5'	4979.16	12/3/99	ND	ND	2.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64D	8.5-13.5'	4990.04	12/6/99	ND	ND	ND	ND	ND	ND	ND	3.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65D	8.5-13.5'	4990.06	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66D	8.5-13.5'	4990.08	12/6/99	ND	ND	**14.00**	**1.88**	ND	ND	ND	ND	ND	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67D	8.5-13.5'	4990.10	12/6/99	ND	ND	**28.94**	**3.83**	ND	ND	ND	ND	ND	4.87	1.80	1.22	ND	ND	ND	ND	ND	ND	ND	ND
68D	8.5-13.5'	4995.04	12/7/99	ND	ND	**22.58**	**3.58**	ND	ND	ND	11.21	ND	5.12	1.40	1.13	ND	ND	ND	ND	ND	ND	ND	ND
64E	8.5-13.5'	4995.06	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65E	8.5-13.5'	4995.08	12/7/99	ND	ND	**7.75**	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND	53.08	ND
66E	8.5-13.5'	4995.10	12/7/99	ND	ND	**12.33**	ND	ND	ND	ND	ND	ND	1.76	ND	ND	ND	ND	ND	ND	ND	ND	91.11	ND

NOTES

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M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
67E	8.5-13.5'	4995.12	12/7/99	ND	ND	**5.92**	ND	ND	1.99	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8.5-13.5'	4995.14	12/7/99	ND	ND	**13.87**	ND	ND	ND	ND	ND	ND	1.97	ND	ND	ND	ND	ND	ND	ND	ND	88.24	ND
113F	7-12'	5058.16	1/3/00	ND	3.35	**99.56**	**4.47**	ND	ND	ND	ND	ND	5.14	ND	2.26	ND	ND	ND	ND	ND	ND	ND	ND
114F	7-12'	5058.17	1/3/00	ND	20.61	**16.74**	**3.11**	ND	ND	ND	ND	ND	2.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115F	7-12'	5058.18	1/3/00	ND	4.64	**15.70**	**4.37**	ND	ND	ND	5.06	ND	2.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116F	7-12'	5058.19	1/3/00	ND	ND	2.86	**2.24**	ND	ND	ND	7.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117F	7-12'	5058.20	1/3/00	ND	2.39	1.66	ND	ND	ND	ND	6.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118F	7-12'	5058.21	1/3/00	ND	2.75	ND	ND	ND	ND	ND	8.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113G	7-12'	5064.12	1/4/00	ND	ND	ND	**1.03**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114G	7-12'	5064.13	1/4/00	ND	17.05	**17.61**	**1.99**	ND	ND	ND	ND	ND	6.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115G	7-12'	5064.14	1/4/00	ND	ND	**8.87**	**2.17**	ND	ND	ND	ND	ND	5.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.31
116G	7-12'	5064.15	1/4/00	ND	1.69	**23.75**	**8.22**	ND	ND	ND	5.96	ND	11.01	ND	ND	ND	ND	ND	ND	ND	6.35	ND	ND
117G	7-12'	5064.16	1/4/00	ND	15.71	**9.14**	0.65	ND	ND	ND	ND	ND	5.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.04
118G	7-12'	5064.17	1/4/00	ND	10.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113H	7-12'	5072.18	1/5/00	ND	3.70	**6.14**	**2.35**	ND	ND	ND	ND	ND	3.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114H	7-12'	5072.19	1/5/00	ND	1.69	**27.05**	**4.14**	ND	1.94	ND	4.02	ND	4.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115H	7-12'	5072.20	1/5/00	ND	ND	**4.90**	**1.10**	ND	ND	ND	ND	ND	6.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116H	7-12'	5072.21	1/5/00	ND	1.66	**34.42**	**1.99**	ND	ND	ND	ND	ND	17.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117H	7-12'	5072.22	1/5/00	ND	3.76	1.22	ND	ND	ND	ND	ND	ND	2.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118H	7-12'	5072.23	1/5/00	ND	ND	ND	ND	ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113I	7-12'	5075.14	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114I	7-12'	5075.10	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115I	7-12'	5075.11	1/6/00	ND	1.86	ND	ND	ND	ND	ND	ND	ND	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116I	7-12'	5075.12	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117I	7-12'	5075.13	1/6/00	ND	ND	ND	ND	ND	ND	ND	19.22	ND	1.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118I	7-12'	5075.09	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64F	7-12'	5091.09	1/11/00	ND	ND	**159.22 D**	**2.25**	ND	ND	ND	ND	ND	8.34	1.90	2.23	ND	ND	ND	ND	ND	ND	ND	ND
65F	7-12'	5091.10	1/11/00	ND	ND	**181.39 D**	**6.32**	ND	ND	ND	ND	ND	9.32	2.05	4.76	ND	ND	ND	ND	ND	ND	ND	ND
66F	7-12'	5091.11	1/11/00	ND	1.15	**69.69**	**3.45**	ND	ND	ND	ND	ND	10.63	2.51	3.15	ND	ND	ND	ND	ND	ND	ND	ND
67F	7-12'	5091.12	1/11/00	ND	1.34	**92.13**	**4.16**	ND	ND	ND	2.23	ND	11.15	1.43	2.98	ND	ND	ND	ND	ND	ND	ND	ND
68F	7-12'	5091.13	1/11/00	ND	1.91	**55.12**	**2.60**	ND	ND	ND	ND	ND	14.12	0.98	4.87	ND	ND	ND	ND	ND	ND	ND	ND
69F	7-12'	5091.14	1/11/00	ND	1.39	**59.31**	**2.85**	ND	ND	ND	ND	ND	12.82	1.45	4.18	ND	ND	ND	ND	ND	ND	ND	ND
64G	7-12'	5091.15	1/11/00	ND	1.47	**9.32**	ND	ND	ND	ND	4.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65G	7-12'	5091.16	1/11/00	ND	1.44	**6.72**	ND	ND	ND	ND	ND	ND	3.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67G	7-12'	5091.17	1/11/00	ND	ND	**6.93**	ND	ND	ND	ND	ND	ND	3.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66G	7-12'	5091.18	1/11/00	ND	1.17	**7.45**	ND	ND	ND	ND	ND	ND	3.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68G	7-12'	5096.09	1/12/00	ND	ND	3.43	**1.29**	ND	ND	ND	ND	ND	7.92	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
69G	7-12'	5096.10	1/12/00	ND	1.73	**26.77**	ND	ND	ND	ND	ND	ND	3.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64H	7-12'	5096.11	1/12/00	ND	ND	3.87	ND	ND	3.27	ND	ND	ND	2.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65H	7-12'	5096.12	1/12/00	ND	ND	3.24	ND	ND	ND	ND	ND	ND	1.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66H	7-12'	5096.13	1/12/00	ND	ND	ND	ND	ND	ND	ND	9.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.49	ND	ND
67H	7-12'	5096.14	1/12/00	ND	18.11	2.64	ND	ND	ND	ND	1.95	ND	2.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68H	7-12'	5102.06	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69H	7-12'	5102.07	1/13/00	ND	1.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4328.02	3/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4332.02	3/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4334.02	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4339.02	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4350.02	3/16/99	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4355.02	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4358.02	3/18/99	4.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4368.02	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4381.02	3/30/99	3.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4396.02	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4407.02	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4414.02	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4417.02	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4422.02	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4433.02	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4442.02	4/26/99	ND	ND	ND	ND	ND	ND	ND	11.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4445.02	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4461.02	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4465.02	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4912.02	11/3/99	5.00	ND	ND	ND	ND	ND	ND	13.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4915.02	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4931.02	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4933.02	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4968.02	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4971.02	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4972.02	12/2/99	3.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4979.02	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4990.02	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4995.02	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5058.02	1/3/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 4
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
Field Blank	-	5064.02	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5072.02	1/5/00	2.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5075.02	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5091.02	1/11/00	ND	ND	ND	ND	ND	ND	ND	ND	4.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5096.02	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5102.02	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	3.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 5
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW01, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2502.05	2880.03	3094.05	3336.03	3504.03	3744.03	4036.01	4241.03	4551.03	4628.03	4844.04	5227.04	NJDEP GWQC (ug/L)
Sample Date	5/2/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	
Volatiles													
Acetone	ND	ND	ND	ND	ND	7.27	ND	ND	ND	ND	ND	ND	700
Methyl-tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND	NLE
Semi-Volatiles													
2-Methylnaphthalene	3.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.18	ND	NLE
bis(2-Ethylhexyl)phthalate	1.39	ND	ND	1.89	ND	1.25	ND	ND	ND	ND	ND	ND	30
Butylbenzylphthalate	2.03	ND	ND	19.71	ND	ND	ND	ND	ND	ND	ND	ND	100
Diethylphthalate	ND	ND	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	5000
Di-n-butylphthalate	121.97	ND	6.45	29.15	ND	ND	ND	ND	ND	ND	ND	ND	900
Naphthalene	8.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
Pesticides/PCBs)													
4,4'-DDE	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	0.10
4,4'-DDT	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	0.10
Metals													
Aluminum	**362.4**	**236.3**	**344.0**	**578**	**239**	**2480**	**402**	ND	**561**	**762**	**393**	**840**	200
Arsenic	2.0	1	ND	ND	ND	4.88	ND	ND	ND	ND	ND	ND	8
Barium	77.3	ND	63.8	53.3	57.2	83.1	67.6	76.6	45.5	56.6	50.4	70.6	2000
Beryllium	0.18	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	1.6	3.5	2.5	2.5	**6.23**	3.27	1.56	1.94	1.53	3.31	4
Calcium	13050.0	10480	12680.0	15460	10090	12600	12200	18100	13400	12900	11400	21400	NLE
Chromium	0.6	26	2.5	1.7	ND	7.10	1.40	4.76	2.34	4.90	3.24	3.53	100
Cobalt	ND	ND	5.4	4.9	2.1	3.81	5.25	5.42	5.06	5.03	5.26	6.48	NLE
Copper	21.0	ND	13.0	11	ND	ND	ND	ND	ND	10.2	8.99	ND	1000
Iron	100.0	**400**	**488.0**	**500**	233	**7790**	**1480**	**1390**	**698**	**2420**	**3170**	**1160**	300
Lead	ND	ND	**11.0**	ND	ND	ND	6.95	ND	ND	ND	4.10	ND	10
Magnesium	4270.0	128	4670.0	3710	1739	4100	4330	4510	4230	3780	3890	6560	NLE
Manganese	**154.0**	**4940**	**77.7**	**120**	**73.1**	**83.6**	**84.1**	**133**	**84.3**	**94.4**	**83.5**	**137**	50
Mercury	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	0.2	ND	2
Nickel	ND	ND	16.9	17.9	9.7	16.2	20.9	23.1	19.4	19.1	20.0	22.5	100
Potassium	7090.0	5170	5020.0	5520	5217	8610	5490	6280	5980	5820	6200	5500	NLE
Silver	17.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	7500.0	10540	9040.0	9290	6370	10500	11000	15500	12800	12800	11400	13900	50000
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.07	10
Vanadium	ND	ND	ND	ND	ND	9.03	1.22	1.28	ND	1.85	ND	3.13	NLE
Zinc	2823.0	1027	646.0	1917	785	640	1410	2150	941	1310	836	2030	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW02, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2513.03	2880.01	3094.03	3336.04	3504.04	3744.04	4036.04	4241.04	4551.04	4628.04	4844.05	5227.05	NJDEP GWQC (ug/L)
Sample Date	5/8/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	
Volatiles													
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.35	ND	ND	ND	1.22	ND	ND	600
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.65	1.37	ND	ND	1.26	ND	1.98	600
1,4-Dichlorobenzene	ND	ND	ND	ND	3.31	4.02	3.01	2.27	ND	3.46	1.96	4.87	74
Acetone	ND	ND	ND	ND	ND	8.77	ND	ND	ND	ND	ND	ND	700
Benzene	ND	**1.36**	ND	ND	**3.12**	**6.44**	**2.73**	**5.84**	**4.70**	**4.39**	**1.88**	**5.86**	1
Carbon Disulfide	1.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
Chlorobenzene	**17.99**	**18.56**	**10.88**	**7.39**	**24.07**	**36.51**	**44.00**	**37.30**	**22.30**	**23.13**	**37.17**	**69.55**	4
tert-Butyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.15	ND	NLE
Semi-Volatiles													
1,3-Dichlorobenzene	ND	1.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
1,4-Dichlorobenzene	ND	4.79	ND	ND	2.29	2.86	ND	2.87	2.78	1.43	1.74	2.83	75
2-Methylnaphthalene	ND	1.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	3.53	ND	ND	ND	ND	NLE
bis(2-Ethylhexyl)phthalate	ND	1.36	ND	16.97	ND	ND	ND	ND	ND	ND	ND	2.88	30
Butylbenzylphthalate	ND	ND	ND	10.93	ND	ND	ND	ND	ND	ND	ND	ND	100
Di-n-butylphthalate	1.54	ND	3.75	29.04	ND	ND	ND	ND	ND	ND	ND	ND	900
n-Nitrosodiphenylamine	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Pesticides/PCBs													
not detected													
Metals													
Aluminum	49.1	51.7	107.0	129	108	44.7	48.2	ND	ND	29.4	ND	75.5	200
Antimony	ND	ND	ND	ND	ND	ND	2.76	ND	ND	ND	ND	2.84	20
Arsenic	2.0	3	ND	ND	2.8	2.35	ND	ND	ND	ND	ND	ND	8
Barium	270.4	580	120.0	171	354	264	229	273	258	226	214	341	2000
Beryllium	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	ND	ND	1.1	ND	0.913	ND	0.968	0.737	1.66	ND	4
Calcium	70240.0	110100	62570.0	66770	75020	88600	68300	81300	101000	80600	75500	88500	NLE
Chromium	0.4	30	1.7	1.2	ND	ND	4.53	5.65	2.32	3.10	3.22	4.29	100
Cobalt	ND	ND	1.2	ND	ND	0.769	ND	0.652	1.21	0.680	0.630	0.633	NLE
Copper	8.0	ND	8.0	8.0	ND	ND	24.7	6.01	ND	4.68	4.82	ND	1000
Iron	**35180.0**	**82680**	**16230.0**	**22520**	**76160**	**26800**	**33700**	**50800**	**17000**	**13200**	**31400**	**46200**	300
Lead	0.7	1.3	7.0	ND	ND	ND	ND	ND	ND	3.61	ND	2.39	10
Magnesium	7400.0	11760	5470.0	5930	7788	8540	6650	9400	9140	7260	6800	10600	NLE
Manganese	**265.0**	**474**	**145.4**	**157**	**282**	**290**	**262**	**456**	**254**	**196**	**249**	**445**	50
Mercury	ND	0.6	ND	ND	ND	ND	ND	0.26	0.17	ND	0.3	ND	2
Nickel	ND	ND	1.8	3.9	2.1	2.06	2.47	2.25	ND	2.27	2.42	1.24	100
Potassium	7230.0	11210	6930.0	ND	24570	42900	10300	22200	29000	22900	11000	13600	NLE
Selenium	1.0	3	ND	ND	ND	ND	4.14	5.93	3.44	3.95	4.95	6.06	50
Silver	**41.0****	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	8840.0	11310	7820.0	7130	11880	12600	9910	17700	15500	13600	9500	8660	50000
Vanadium	ND	ND	ND	ND	2.5	1.62	1.31	2.13	1.64	1.29	1.23	2.55	NLE
Zinc	16.0	4	63.0	38	7.6	32.4	5.83	22.9	ND	28.4	14.1	44.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
** Calibration Blank result greater than GW criteria limit

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW03, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2502.06	2880.02	3094.04	3336.05	3504.05	3744.05	4036.02	4241.05	4551.05	4628.05	4844.06	5227.06	NJDEP
Sample Date	5/2/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles													
1,4-Dichlorobenzene	ND	ND	ND	5.36	9.32	ND	2.38	ND	ND	ND	1.30	ND	74
Benzene	ND	ND	**1.31**	**3.78**	**4.26**	ND	**1.78**	ND	ND	ND	**1.59**	ND	1
Chlorobenzene	**4.69**	1.49	**17.75**	**78.82**	**107.81**	**10.51**	**11.90**	**7.14**	**4.29**	3.68	**11.20**	3.42	4
Semi-Volatiles													
1,4-Dichlorobenzene	ND	ND	ND	2.60	5.13	ND	ND	ND	ND	ND	ND	ND	75
4-Nitrophenol	ND	ND	ND	ND	2.71	ND	ND	ND	ND	ND	ND	ND	NLE
Acenaphthene	ND	ND	ND	7.36	13.76	ND	ND	1.91	ND	ND	ND	ND	400
Anthracene	ND	ND	ND	1.27	ND	ND	ND	ND	ND	ND	ND	ND	2000
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	30
Butylbenzylphthalate	ND	ND	ND	9.78	ND	ND	ND	ND	ND	ND	ND	ND	100
Dibenzofuran	ND	ND	ND	2.27	4.90	ND	ND	ND	ND	ND	ND	ND	NLE
Di-n-butylphthalate	5.99	2.20	4.03	39.74	ND	ND	ND	ND	ND	ND	ND	ND	900
Fluorene	ND	ND	ND	2.46	4.79	ND	ND	ND	ND	ND	ND	ND	300
Naphthalene	0.77	ND	ND	1.76	3.12	ND	ND	ND	ND	ND	ND	ND	NLE
Phenanthrene	ND	ND	ND	1.26	1.91	ND	ND	ND	ND	ND	ND	ND	NLE
Pesticides/PCBs													
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND	ND	ND	0.20
Metals													
Aluminum	61.9	26.1	145.0	256	58	28.5	66.3	531	25.0	18.6	12.4	47.6	200
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.47	ND	ND	20
Arsenic	3.0	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8
Barium	90.6	90	47.4	317	566	86.4	114	141	84.5	88.1	116	75.3	2000
Beryllium	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	ND	ND	ND	ND	ND	2.83	0.845	0.928	1.08	ND	4
Calcium	59650.0	63130	64240.0	154300	145200	72700	111000	86500	69300	66300	79400	71900	NLE
Chromium	0.6	30	1.5	ND	ND	ND	4.40	8.05	2.00	3.74	4.37	2.93	100
Cobalt	ND	ND	ND	ND	ND	ND	ND	1.88	0.593	ND	ND	0.567	NLE
Copper	46.0	ND	25.0	13	ND	ND	ND	10.5	ND	ND	10.3	ND	1000
Iron	**12230.0**	**9300**	**10010.0**	**39970**	**69260**	**14500**	**13700**	**16500**	**13500**	**16600**	**13000**	**11400**	300
Lead	1.1	ND	**13.0**	ND	2.8	ND	2.83	5.02	ND	5.31	ND	5.83	10
Magnesium	5360.0	511	4780.0	11200	9303	5010	12000	8750	5800	5250	7160	5570	NLE
Manganese	**503.0**	**5890**	**426.8**	**513**	**516**	**395**	**586**	**407**	**412**	**464**	**475**	**495**	50
Mercury	ND	ND	ND	ND	ND	ND	ND	0.32	0.25	ND	0.2	ND	2
Nickel	ND	ND	1.7	6.0	ND	0.566	2.88	50.9	ND	1.20	3.41	3.11	100
Potassium	8680.0	8920	9120.0	18580	17930	11900	22100	13900	11400	9980	14100	8230	NLE
Selenium	ND	ND	ND	ND	ND	3.95	6.65	ND	ND	ND	5.57	ND	50
Silver	**36.0****	**9170**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	21060.0	ND	10300.0	18180	11200	11600	28600	15800	10200	9860	13500	6860	50000
Vanadium	1.4	ND	ND	ND	1.2	ND	1.25	4.04	1.94	1.70	2.18	1.57	NLE
Zinc	31.0	ND	71.0	48	ND	31.1	11.0	433	54.8	64.4	31.8	25.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
** Calibration Blank result greater than GW criteria limit

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW04, Landfill M-2
February 1998 - March 2000

Lab Sample ID	3336.06	3509.03	3744.06	4036.03	4241.06	4551.06	4628.06	4844.07	5227.07	NJDEP
Sample Date	2/11/98	4/27/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles										
Benzene	ND	ND	ND	ND	ND	ND	ND	**1.23**	ND	1
Chlorobenzene	2.41	ND	1.29	ND	ND	ND	2.75	**5.96**	2.38	4
Semi-Volatiles										
Benzo[g,h,I]perylene	ND	1.70	ND	ND	ND	ND	ND	ND	ND	NLE
Butylbenzylphthalate	4.59	ND	ND	ND	ND	ND	ND	ND	ND	100
Dibenz[a,h]anthracene	ND	1.03	ND	ND	ND	ND	ND	ND	ND	20
Di-n-butylphthalate	28.88	ND	ND	ND	ND	ND	ND	ND	ND	900
Indeno[1,2,3-cd]pyrene	ND	1.16	ND	ND	ND	ND	ND	ND	ND	20
Naphthalene	ND	ND	ND	ND	ND	1.27	ND	ND	ND	NLE
Pesticides/PCBs										
not detected										
Metals										
Aluminum	**514**	ND	**302**	**209**	20.3	57.6	52.3	73.6	57.8	200
Arsenic	ND	3.6	ND	ND	ND	ND	ND	ND	ND	8
Barium	177	111	131	132	132	155	180	227	195	2000
Cadmium	ND	ND	ND	1.47	1.38	0.873	2.32	1.87	ND	4
Calcium	5250	33070	33700	36300	45600	34000	40200	52200	34700	NLE
Chromium	1.7	ND	ND	3.78	9.31	1.52	3.07	5.86	2.80	100
Cobalt	ND	ND	ND	ND	ND	0.562	ND	ND	ND	NLE
Copper	9.0	ND	ND	ND	24.9	ND	66.3	47.9	ND	1000
Iron	**30140**	**17800**	**26300**	**23900**	**33300**	**31300**	**32600**	**43000**	**33700**	300
Lead	ND	ND	ND	3.27	ND	ND	**16.1**	2.97	9.26	10
Magnesium	6840	5041	3780	5230	4220	3770	4790	6160	3710	NLE
Manganese	**534**	**757**	**401**	**180**	**2010**	**311**	**670**	**1160**	**312**	50
Mercury	ND	ND	ND	0.2	0.41	ND	ND	0.2	ND	2
Nickel	4.5	3.5	1.81	4.16	4.41	ND	7.86	4.21	1.71	100
Potassium	7700	7929	7670	7470	7140	6950	7270	8250	6010	NLE
Selenium	ND	ND	ND	ND	3.73	ND	ND	3.94	ND	50
Sodium	7540	8592	8500	8050	9840	8040	8330	8710	5260	50000
Vanadium	ND	ND	1.71	1.61	ND	1.59	1.13	1.47	1.55	NLE
Zinc	39	38.9	41.6	51.3	68.4	18.8	114	41.2	18.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW05, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.03	4022.08	4241.07	4551.07	4628.07	4844.08	5227.08	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
Acetone	ND	5.49	ND	ND	ND	ND	ND	700
2-Butanone	9.29	3.19	ND	ND	ND	ND	ND	300
Semi-Volatiles								
bis(2-Ethylhexyl)phthalate	ND	ND	**40.90**	ND	ND	ND	ND	30
Di-n-octylphthalate	ND	ND	1.58	ND	ND	ND	ND	100
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1080**	**4860**	**633**	**2040**	**1360**	**1590**	**370**	200
Antimony	4.37	14.3	ND	ND	ND	ND	ND	20
Arsenic	ND	**8.63**	3.20	6.18	3.39	ND	2.80	8
Barium	35.8	65.4	171	419	243	115	309	2000
Beryllium	ND	0.583	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	2.05	1.88	1.81	2.10	ND	4
Calcium	14300	15200	13800	16100	14900	15000	15600	NLE
Chromium	15.1	65.6	7.66	19.2	12.4	18.9	5.93	100
Cobalt	1.29	4.08	ND	2.26	2.31	1.23	ND	NLE
Copper	21.6	3.43	34.2	ND	ND	10.7	ND	1000
Iron	**15800**	**29900**	**35300**	**72000**	**45800**	**28300**	**74400**	300
Lead	4.09	**15.3**	4.62	7.58	4.71	4.59	5.24	10
Magnesium	2660	4270	1970	2780	2570	2760	2460	NLE
Manganese	34.2	45.5	48.2	41.5	38.1	36.5	43.2	50
Mercury	ND	0.30	0.43	ND	ND	0.3	ND	2
Nickel	6.31	13.7	3.30	1.72	2.59	5.44	2.61	100
Potassium	6550	10200	4630	6720	5910	6510	4450	NLE
Sodium	5070	4830	6910	5340	5050	4970	3290	50000
Vanadium	5.71	29.7	3.32	13.9	7.10	9.33	3.03	NLE
Zinc	16.4	53.5	43.4	32.7	22.0	31.7	26.7	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW06, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.04	4022.07	4241.08	4551.08	4628.08	4844.09	5227.09	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	8.86	4.65	ND	ND	ND	ND	ND	300
Acetone	ND	7.45	ND	ND	ND	ND	ND	700
Chlorobenzene	1.36	ND	ND	ND	ND	ND	ND	4
Semi-Volatiles								
not detected								
Pesticides/PCBs								
Arochlor 1016	**0.865**	**2.260**	**0.611**	ND	ND	ND	ND	0.50
Arochlor 1260	ND	ND	ND	ND	**0.581**	ND	ND	0.50
gamma-BHC	ND	ND	0.058	ND	ND	ND	ND	0.20
Metals								
Aluminum	**1240**	**10300**	**1330**	**749**	**992**	**616**	**753**	200
Antimony	ND	3.76	ND	ND	ND	ND	**566**	20
Arsenic	ND	**16.5**	ND	ND	ND	ND	5.60	8
Barium	102	175	185	175	128	90.3	189	2000
Beryllium	ND	1.52	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	0.969	0.941	0.948	2.17	3.28	4
Calcium	48700	49100	54000	40300	39300	40800	41600	NLE
Chromium	13.1	**105**	14.8	6.40	9.23	7.44	**16000**	100
Cobalt	0.854	5.41	0.688	0.944	0.771	0.579	29.3	NLE
Copper	16.3	55.1	13.2	ND	5.22	10.9	9.64	1000
Iron	**16500**	**43500**	**50700**	**38100**	**36700**	**26100**	**45000**	300
Lead	**22.4**	**90.5**	**13.6**	6.26	9.72	6.95	ND	10
Magnesium	4970	8030	5620	4710	4830	4810	14100	NLE
Manganese	**72.5**	**92.7**	**138**	**55.0**	**59.6**	**52.4**	**247**	50
Mercury	ND	0.47	0.46	0.21	ND	0.3	ND	2
Nickel	3.62	18.9	5.53	ND	2.31	3.32	ND	100
Potassium	7660	15100	7000	6470	6380	6430	5490	NLE
Silver	ND	ND	3.83	ND	ND	ND	ND	20
Sodium	6970	8090	8620	7190	7200	6990	4540	50000
Thallium	ND	ND	ND	ND	ND	ND	6.70	10
Vanadium	6.97	46.6	6.40	4.62	4.71	3.53	35.8	NLE
Zinc	83.5	392	100	33.6	51.7	47.0	11.3	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW07, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.05	4022.06	4241.09	4551.09	4628.09	4844.10	5227.10	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	11.29	5.45	ND	ND	11.10	ND	ND	300
Acetone	ND	6.63	ND	ND	ND	ND	ND	700
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1480**	**3870**	**433**	**780**	**1150**	**1680**	**248**	200
Antimony	ND	2.69	ND	ND	2.63	ND	ND	20
Arsenic	ND	6.24	5.13	2.95	ND	ND	ND	8
Barium	96.6	107	103	209	89.7	119	339	2000
Beryllium	0.811	1.05	ND	ND	ND	ND	ND	20
Cadmium	ND	2.36	1.94	1.96	1.29	1.67	ND	4
Calcium	51700	51000	48300	51200	49700	52600	56600	NLE
Chromium	16.1	48.8	4.25	5.82	6.68	9.55	ND	100
Cobalt	3.18	4.10	ND	1.17	ND	0.991	ND	NLE
Copper	8.25	24.3	ND	ND	ND	8.27	ND	1000
Iron	**14800**	**23800**	**41800**	**71900**	**19800**	**35100**	**118000**	300
Lead	**13.0**	**16.4**	3.41	ND	4.93	4.53	ND	10
Magnesium	6010	6450	5240	5660	5740	5900	5760	NLE
Manganese	**94.8**	**82.2**	**79.6**	**80.3**	**70.1**	**81.7**	**156**	50
Mercury	0.1	0.24	0.34	ND	ND	0.4	ND	2
Nickel	8.01	12.0	2.46	ND	0.999	4.09	6.52	100
Potassium	7310	8570	5260	5890	5480	6050	4560	NLE
Selenium	ND	ND	3.34	ND	ND	ND	ND	50
Sodium	13500	8650	9530	8800	9750	18700	5780	50000
Vanadium	12.9	23.3	2.11	6.35	2.79	5.70	2.63	NLE
Zinc	93.8	144	70.1	28.0	28.0	74.1	26.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW08, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.06	4022.05	4241.10	4551.10	4628.10	4844.11	5227.11	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	86.82	28.18	ND	ND	ND	ND	ND	300
Acetone	17.89	11.27	ND	ND	ND	ND	ND	700
Benzene	**7.46**	**5.88**	**5.56**	**4.13**	**2.66**	ND	ND	1
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1490**	**8250**	**1350**	**3630**	**1560**	**935**	**616**	200
Antimony	2.78	5.31	ND	ND	ND	ND	ND	20
Arsenic	ND	7.03	ND	2.86	ND	ND	ND	8
Barium	72.6	87.2	136	562	120	98.5	197	2000
Beryllium	ND	1.14	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	1.16	**4.14**	0.925	1.46	ND	4
Calcium	40000	42700	39400	44800	39700	41500	39500	NLE
Chromium	54.8	111	11.5	28.8	16.5	8.57	ND	100
Cobalt	1.72	2.75	ND	ND	ND	ND	ND	NLE
Copper	ND	6.50	9.24	ND	ND	3.64	ND	1000
Iron	**18400**	**46100**	**76500**	**142000**	**37200**	**32500**	**73100**	300
Lead	**11.0**	**45.0**	5.57	**13.5**	**10.6**	6.65	3.37	10
Magnesium	5200	8600	4460	5910	5220	5090	4750	NLE
Manganese	**55.1**	**69.9**	**61.7**	**74.6**	**56.5**	**55.5**	**56.5**	50
Mercury	ND	0.18	0.36	ND	ND	0.3	ND	2
Nickel	5.21	10.5	3.71	ND	2.13	4.70	2.50	100
Potassium	9010	19100	7260	10300	8020	7760	6100	NLE
Sodium	7560	8240	8690	7820	7890	8040	4770	50000
Vanadium	24.0	41.5	4.10	17.9	6.62	3.44	4.57	NLE
Zinc	32.5	95.3	96.4	34.5	28.6	32.9	21.7	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW09, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.07	4022.04	4241.11	4551.11	4628.11	4844.12	5227.12	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	5.47	3.19	ND	ND	ND	ND	ND	300
Acetone	6.30	6.22	ND	ND	ND	ND	ND	700
Benzene	**538.24 D**	**205.68 D**	**236.20 D**	**23.39**	**14.32**	**3.91**	**2.21**	1
Chlorobenzene	ND	ND	1.99	ND	ND	ND	ND	4
Semi-Volatiles								
Phenol	ND	ND	4.47	ND	ND	ND	ND	4000
Pesticides/PCBs								
4,4'-DDD	ND	ND	ND	0.007	0.046	ND	ND	0.10
4,4'-DDE	ND	ND	ND	ND	ND	0.033	ND	0.10
Arochlor 1016	**0.700**	0.260	0.244	ND	ND	ND	ND	0.50
Arochlor 1254	**3.850**	**1.470**	**1.187**	ND	**1.456**	ND	ND	0.50
Metals								
Aluminum	**455**	**7880**	**3250**	**32300**	**5850**	**5000**	**2850**	200
Antimony	ND	4.08	ND	ND	ND	ND	ND	20
Arsenic	ND	**13.3**	4.20	**22.1**	3.90	5.86	ND	8
Barium	87.0	146	178	279	104	131	77.5	2000
Beryllium	ND	1.45	0.704	4.47	0.787	1.16	ND	20
Cadmium	ND	0.987	**4.49**	**15.2**	2.93	**5.64**	1.65	4
Calcium	68200	56200	99300	57900	50700	53600	46000	NLE
Chromium	7.97	**116**	39.6	**309**	69.1	62.2	36.8	100
Cobalt	ND	5.03	2.09	16.8	3.54	4.99	1.94	NLE
Copper	ND	24.0	193	126	19.1	39.3	13.2	1000
Iron	**10400**	**36100**	**30900**	**99300**	**24900**	**27500**	**15200**	300
Lead	7.00	**41.6**	**13.1**	**95.9**	**20.5**	**29.3**	**11.2**	10
Magnesium	5650	7540	7820	14100	6210	5590	5260	NLE
Manganese	**1920**	**1560**	**4260**	**1430**	**1200**	**1460**	**1310**	50
Mercury	0.3	0.76	0.71	**3.46**	0.5	1.2	ND	2
Nickel	1.10	14.2	9.70	46.8	10.2	16.7	7.50	100
Potassium	8290	16000	10600	31600	10100	8730	6860	NLE
Selenium	ND	ND	4.10	6.57	ND	ND	ND	50
Silver	ND	ND	ND	4.90	ND	ND	ND	20
Sodium	7600	7580	10500	7280	7300	7230	4560	50000
Vanadium	3.29	46.9	9.55	145	27.2	26.8	20.6	NLE
Zinc	105	565	474	2300	406	679	263	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
D = Value from dilution

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW10, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.08	4022.03	4241.12	4551.12	4628.12	4844.13	5227.13	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	9.93	2.85	ND	12.64	ND	ND	ND	300
Acetone	9.04	5.21	ND	ND	ND	ND	ND	700
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**486**	**3670**	**638**	**5610**	**1010**	98.4	**442**	200
Antimony	ND	4.19	ND	ND	ND	2.41	ND	20
Arsenic	ND	3.08	ND	5.29	ND	ND	ND	8
Barium	23.1	58.6	168	404	79.2	65.9	504	2000
Beryllium	ND	0.748	ND	0.777	ND	ND	ND	20
Cadmium	ND	ND	0.845	2.03	1.02	1.10	ND	4
Calcium	24600	45300	44100	53400	43600	44000	50000	NLE
Chromium	5.72	49.9	6.28	47.3	12.8	2.32	6.30	100
Cobalt	0.680	1.98	ND	3.18	0.576	ND	ND	NLE
Copper	ND	ND	42.7	ND	4.00	4.47	ND	1000
Iron	**4280**	**20600**	**24300**	**65600**	**10700**	**6390**	**46200**	300
Lead	2.94	4.47	ND	7.75	8.20	ND	ND	10
Magnesium	1750	4300	2600	4430	3260	2960	3220	NLE
Manganese	22.5	47.4	**68.6**	**79.2**	**63.1**	37.7	**104**	50
Mercury	ND	ND	0.22	ND	ND	0.3	ND	2
Nickel	1.26	4.86	1.17	1.43	1.44	2.16	1.58	100
Potassium	3290	9530	5120	8860	5670	5350	4940	NLE
Sodium	3870	7600	8080	7800	7540	7310	4850	50000
Vanadium	3.25	24.7	2.09	30.8	5.65	1.25	4.69	NLE
Zinc	20.1	38.4	31.2	41.9	40.5	18.2	25.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW11, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5446.04 5/31/00	5475.04 6/14/00	NJDEP GWQC (ug/L)
Volatiles			
Benzene	**98.01**	ND	1
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	68.3	80.9	200
Antimony	ND	3.56	20
Barium	38.1	35.0	2000
Calcium	39800	40500	NLE
Chromium	ND	6.06	100
Copper	5.90	400	1000
Iron	**397**	**306**	300
Lead	ND	**84.5**	10
Magnesium	3910	3900	NLE
Manganese	24.6	24.7	50
Nickel	0.745	18.4	100
Potassium	6060	5850	NLE
Selenium	ND	3.45	50
Sodium	3870	3720	50000
Vanadium	1.52	ND	NLE
Zinc	5.80	551	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW12, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.03	5475.03	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	1.81	3.04	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	100	136	200
Antimony	ND	3.80	20
Barium	35.1	40.8	2000
Calcium	34900	35400	NLE
Chromium	0.901	3.38	100
Copper	7.85	51.0	1000
Iron	**792**	**1410**	300
Lead	ND	4.84	10
Magnesium	3790	3750	NLE
Manganese	28.1	33.7	50
Nickel	ND	7.20	100
Potassium	6060	5720	NLE
Sodium	3500	3200	50000
Vanadium	1.49	ND	NLE
Zinc	37.1	89.3	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW13, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.05	5471.05	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	4.86	ND	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	83.1	71.6	200
Barium	54.2	53.6	2000
Calcium	19200	19500	NLE
Chromium	0.679	2.77	100
Cobalt	0.753	ND	NLE
Copper	ND	5.77	1000
Iron	**13200**	**11400**	300
Lead	ND	2.72	10
Magnesium	2150	2090	NLE
Manganese	**101**	**90.4**	50
Nickel	ND	2.49	100
Potassium	5680	5680	NLE
Sodium	13200	11500	50000
Vanadium	1.35	ND	NLE
Zinc	1.46	16.9	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW14, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.04 5/30/00	5471.04 6/13/00	NJDEP GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
2-Methylnaphthalene	ND	1.36	NLE
Acenaphthene	ND	1.19	400
Naphthalene	1.59	3.46	NLE
Pesticides/PCBs			
not detected			
Metals			
Aluminum	165	**206**	200
Barium	34.3	34.0	2000
Calcium	14600	15400	NLE
Chromium	3.54	5.69	100
Iron	**36000**	**38900**	300
Magnesium	5590	6110	NLE
Manganese	**284**	**329**	50
Mercury	ND	0.2	2
Nickel	0.644	3.60	100
Potassium	1400	1520	NLE
Sodium	16000	15900	50000
Vanadium	3.14	3.08	NLE
Zinc	3.73	20.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW15, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.07 5/30/00	5471.07 6/13/00	NJDEP GWQC (ug/L)
Volatiles)			
Toluene	1.47	2.14	1000
Semi-Volatiles			
2-Methylnaphthalene	18.22	17.34	NLE
4-Methylphenol	3.40	3.90	NLE
Acenaphthene	23.81	23.50	400
Anthracene	1.47	1.70	2000
Benzoic Acid	4.59	2.09	NLE
Dibenzofuran	17.50	17.74	NLE
Fluoranthene	1.79	1.81	300
Fluorene	16.63	16.33	300
Naphthalene	51.43	49.72	NLE
Phenanthrene	9.97	10.68	NLE
Phenol	ND	2.51	4000
Pesticides/PCBs			
not detected			
Metals			
Aluminum	184	**217**	200
Arsenic	ND	4.96	8
Barium	58.1	67.0	2000
Cadmium	0.677	ND	4
Calcium	27500	32800	NLE
Chromium	1.65	4.76	100
Cobalt	3.08	1.45	NLE
Copper	59.2	150	1000
Iron	**4390**	**4950**	300
Lead	**14.0**	**41.5**	10
Magnesium	4060	4480	NLE
Manganese	**85.2**	**79.1**	50
Nickel	10.1	12.5	100
Potassium	7940	8000	NLE
Sodium	16500	18400	50000
Vanadium	5.10	7.47	NLE
Zinc	141	274	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW16, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.10	5471.11	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	ND	1.74	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	38.1	ND	200
Barium	89.9	97.4	2000
Cadmium	1.40	ND	4
Calcium	20600	20400	NLE
Chromium	ND	2.03	100
Cobalt	1.21	0.578	NLE
Copper	22.5	ND	1000
Iron	**7660**	**13700**	300
Magnesium	3320	3060	NLE
Manganese	**280**	**247**	50
Nickel	11.2	8.23	100
Potassium	1250	1210	NLE
Sodium	11200	11800	50000
Zinc	384	109	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW17, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.12 5/30/00	5471.12 6/13/00	NJDEP GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**613**	**515**	200
Barium	ND	133	2000
Calcium	14600	17900	NLE
Chromium	1.67	3.60	100
Cobalt	2.52	2.86	NLE
Copper	5.50	ND	1000
Iron	**767**	**325**	300
Magnesium	5160	6340	NLE
Manganese	31.3	35.8	50
Nickel	4.97	7.78	100
Potassium	2480	2760	NLE
Sodium	9580	10400	50000
Vanadium	1.23	ND	NLE
Zinc	27.7	27.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW18, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.13	5471.09	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	171	23.1	200
Barium	59.0	59.3	2000
Calcium	25900	27200	NLE
Chromium	1.27	2.74	100
Iron	**13300**	**11000**	300
Magnesium	4270	4290	NLE
Manganese	**140**	**137**	50
Nickel	0.627	2.42	100
Potassium	7000	6870	NLE
Sodium	5970	5740	50000
Vanadium	1.41	ND	NLE
Zinc	33.8	22.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW19, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.05	5475.05	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**555**	161	200
Antimony	ND	3.54	20
Barium	44.8	38.2	2000
Calcium	43100	43300	NLE
Chromium	3.16	2.50	100
Copper	3.36	16.0	1000
Iron	**1860**	**830**	300
Magnesium	3250	3110	NLE
Manganese	**74.4**	**66.7**	50
Mercury	ND	0.1	2
Nickel	ND	5.83	100
Potassium	6220	5700	NLE
Selenium	ND	4.38	50
Sodium	4710	4330	50000
Vanadium	4.17	ND	NLE
Zinc	ND	4.19	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW20, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.06	5475.06	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**444**	46.9	200
Antimony	ND	3.33	20
Barium	41.7	37.1	2000
Calcium	43000	43100	NLE
Chromium	2.62	1.85	100
Copper	4.47	16.7	1000
Iron	**2040**	**437**	300
Magnesium	3180	2750	NLE
Manganese	47.9	35.4	50
Nickel	ND	5.58	100
Potassium	7650	9280	NLE
Sodium	9570	11100	50000
Vanadium	3.24	ND	NLE
Zinc	2.21	5.94	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW21, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.08	5471.13	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
1,2-Dichlorobenzene	1.38	ND	600
1,3-Dichlorobenzene	3.77	2.87	600
1,4-Dichlorobenzene	8.39	6.24	75
Benzene	**2.60**	**3.46**	1
Chlorobenzene	**43.73**	**49.92**	4
Semi-Volatiles			
1,3-Dichlorobenzene	2.37	2.06	600
1,4-Dichlorobenzene	5.29	4.13	75
2-Methylnaphthalene	4.02	3.34	NLE
bis(2-Ethylhexyl)phthalate	7.78	7.55	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	129	166	200
Barium	592	621	2000
Calcium	91500	94600	NLE
Chromium	6.12	6.35	100
Cobalt	1.69	0.641	NLE
Copper	47.4	ND	1000
Iron	**57700**	**63600**	300
Lead	**12.9**	**10.1**	10
Magnesium	7210	7290	NLE
Manganese	**680**	**643**	50
Nickel	2.73	3.37	100
Potassium	4380	4500	NLE
Selenium	ND	3.91	50
Sodium	16100	15700	50000
Vanadium	2.18	2.48	NLE
Zinc	66.5	21.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW22, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.11	5471.10	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
tert-Butyl alcohol	373.98	462.08	NLE
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	20.8	ND	200
Barium	72.0	72.2	2000
Calcium	38800	38700	NLE
Chromium	1.11	3.28	100
Copper	ND	22.8	1000
Iron	**36100**	**33500**	300
Magnesium	5970	5780	NLE
Manganese	**267**	**295**	50
Nickel	1.11	3.39	100
Potassium	7730	7550	NLE
Sodium	13100	11900	50000
Vanadium	1.26	ND	NLE
Zinc	119	89.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW23, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.06	5471.06	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
1,4-Dichlorobenzene	4.46	3.67	75
Benzene	**5.92**	**5.17**	1
Chlorobenzene	**44.43**	**37.26**	4
Semi-Volatiles			
1,4-Dichlorobenzene	3.27	2.65	75
2-Methylnaphthalene	5.25	4.13	NLE
bis(2-Ethylhexyl)phthalate	4.33	4.11	30
n-Nitrosodiphenylamine	2.54	2.11	20
Pesticides/PCBs			
not detected			
Metals			
Aluminum	143	22.6	200
Barium	538	451	2000
Calcium	78000	72600	NLE
Chromium	4.35	7.39	100
Cobalt	1.07	0.557	NLE
Copper	ND	176	1000
Iron	**76900**	**61100**	300
Lead	ND	**39.3**	10
Magnesium	9230	8360	NLE
Manganese	**361**	**292**	50
Nickel	1.17	9.73	100
Potassium	5710	5250	NLE
Selenium	4.97	5.36	50
Sodium	14500	12600	50000
Vanadium	8.67	6.63	NLE
Zinc	5.44	260	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 5 (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW24, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.09 5/30/00	5471.08 6/13/00	NJDEP GWQC (ug/L)
Volatiles			
1,4-Dichlorobenzene	4.73	3.54	75
Benzene	**1.37**	**1.75**	1
Chlorobenzene	**5.21**	**5.67**	4
Semi-Volatiles			
1,4-Dichlorobenzene	3.34	2.52	75
2-Methylnaphthalene	12.10	8.30	NLE
Acenaphthene	1.33	ND	400
bis(2-Ethylhexyl)phthalate	6.97	4.70	30
Fluorene	1.30	ND	300
Naphthalene	ND	4.64	NLE
n-Nitrosodiphenylamine	1.39	ND	20
Pesticides/PCBs)			
not detected			
Metals			
Aluminum	**264**	155	200
Barium	348	329	2000
Cadmium	0.659	ND	4
Calcium	54200	56900	NLE
Chromium	12.3	5.93	100
Cobalt	0.780	ND	NLE
Copper	357	ND	1000
Iron	**60300**	**56100**	300
Lead	**49.5**	ND	10
Magnesium	4810	5040	NLE
Manganese	**748**	**682**	50
Nickel	16.7	3.37	100
Potassium	2940	3000	NLE
Selenium	ND	5.60	50
Sodium	8860	8050	50000
Vanadium	2.67	2.94	NLE
Zinc	448	14.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 6
Stream Sampling Analytical Results
Main Post - M2 Landfill
Fort Monmouth, New Jersey

Stream Sampling Location - Site #13
October 1996 - June 2000

Lab Sample ID Sample Date	2178.13 10/8/96	2223.17 11/25/96	2298.17 1/29/97	2361.17 2/26/97	2375.17 3/10/97	2439.17 4/8/97	2810.17 7/17/97	3121.17 10/30/97	3331.17 2/10/98	3499.17 4/21/98	3816.17 8/19/98	4069.11 11/18/98	4300.17 2/25/99	4579.19 6/29/99	4806.10 9/22/99	4997.16 12/8/99	5211.16 3/1/00	5468.13 6/12/00	NJDEP SWQS (ug/L)
Acetone	NA	NA	3.60	ND	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
cis-1,2-Dichloroethene	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.35	ND	NLE
Methylene chloride	**3.76 B**	**2.72 B**	**2.59**	ND	ND	1.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.49
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.80	2.40	ND	NLE
Tetrachloroethene (PCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.94**	**6.92**	**5.56**	0.39
Trichloroethene (TCE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**1.40**	ND	1.09

NOTES
Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Surface Water Quality Standards (SWQS) are highlighted and printed in bold-faced type.
NA: Sample not analyzed for this parameter.
ND: Analyte not detected in sample.
B: Found in the Blank.
NLE: No regulatory limit has been established for this parameter.

Table 6 (continued)
Stream Sampling Analytical Results
Main Post - M2 Landfill
Fort Monmouth, New Jersey

Stream Sampling Location - Site #15

October 1996 - June 2000

Lab Sample ID	2178.15	2223.09	2246.09	2298.09	2361.09	2375.09	2439.09	2810.09	3121.09	3331.09	3499.09	3816.09	4069.08	4300.09	4579.11	4802.11	4997.17	5211.17	5468.12	NJDEP SWQS
Sample Date	10/8/96	11/25/96	12/12/96	1/29/97	2/26/97	3/10/97	4/8/97	7/17/97	10/30/97	2/10/98	4/21/98	8/19/98	11/18/98	2/25/99	6/29/99	9/21/99	12/8/99	3/1/00	6/12/00	(ug/L)
Acetone	NA	NA	NA	4.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
cis-1,2-Dichloroethene	NA	NA	NA	1.57	1.46	ND	2.69	5.53	2.57	ND	1.22	3.89	ND	ND	4.17	3.59	ND	1.39	ND	NLE
Methylene chloride	**3.85 B**	**2.98 B**	**5.51**	**2.68**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.49
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.38	ND	NLE
Tetrachloroethene (PCE)	**8.41**	**10.38**	**5.63**	**5.68**	**7.84**	**3.39**	**6.00**	**7.12**	**2.72**	**6.90**	**5.72**	**5.39**	ND	**7.33**	**7.86**	**2.61**	**4.08**	**6.95**	**5.94**	0.39
Trichloroethene (TCE)	**2.58**	**2.54**	**1.31**	**1.33**	ND	ND	**1.60**	**2.50**	ND	1.03	**1.21**	**2.06**	ND	ND	**2.40**	**1.37**	ND	**1.39**	ND	1.09

Stream Sampling Location - Site #16

November 1996 - June 2000

Lab Sample ID	2223.10	2246.10	2298.10	2361.10	2375.10	2439.10	2810.10	3121.10	3331.10	3499.10	3816.10	4069.06	4300.10	4579.12	4806.03	4997.12	5211.13	5468.14	NJDEP SWQS
Sample Date	11/25/96	12/12/96	1/29/97	2/26/97	3/10/97	4/8/97	7/17/97	10/30/97	2/10/98	4/21/98	8/19/98	11/18/98	2/25/99	6/29/99	9/22/99	12/8/99	3/1/00	6/12/00	(ug/L)
cis-1,2-Dichloroethene	NA	NA	1.30	1.27	ND	2.05	2.55	1.76	ND	ND	2.94	ND	ND	3.56	2.74	1.79	1.28	ND	NLE
Methylene chloride	**3.16 B**	**4.65**	**3.01**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.49
Methyl-tert-Butyl ether	NA	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.33	ND	NLE
Tetrachloroethene (PCE)	**8.20**	**3.82**	**5.19**	**6.75**	**2.31**	**4.47**	**4.72**	**1.86**	**6.23**	**4.58**	**4.33**	**1.48**	**6.06**	**7.70**	**2.63**	**4.13**	**6.47**	**3.74**	0.39
Trichloroethene (TCE)	**2.24**	1.00	**1.14**	**1.20**	ND	**1.26**	ND	ND	ND	ND	**1.63**	ND	ND	**2.25**	ND	ND	**1.27**	ND	1.09

NOTES
Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Surface Water Quality Standards (SWQS) are highlighted and printed in bold-faced type.
NA: Sample not analyzed for this parameter.
ND: Analyte not detected in sample.
B: Found in the Blank.
NLE: No regulatory limit has been established for this parameter.

Table 6 (continued)
Stream Sampling Analytical Results
Main Post - M2 Landfill
Fort Monmouth, New Jersey

Stream Sampling Location - Site #23
June 2000

Lab Sample ID Sample Date	5468.21 6/12/00	NJDEP SWQS (ug/L)
Methylene chloride	ND	2.49
Tetrachloroethene	**5.60**	0.39
Trichloroethene (TCE)	ND	1.09

Stream Sampling Location - Site #24
June 2000

Lab Sample ID Sample Date	5468.22 6/12/00	NJDEP SWQS (ug/L)
Methylene chloride	ND	2.49
Tetrachloroethene	**4.72**	0.39
Trichloroethene (TCE)	ND	1.09

NOTES
Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Surface Water Quality Standards (SWQS) are highlighted and printed in **bold-faced** type.
NA: Sample not analyzed for this parameter.
ND: Analyte not detected in sample.
B: Found in the Blank.
NLE: No regulatory limit has been established for this parameter.

Table 7
Sediment Sampling Results
PCB Analysis - April 2000
Main Post - M2 Landfill
Fort Monmouth, New Jersey

Field ID Sample Location	Depth	Lab I.D.	Sample Time	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCB
Lowest Effect Level (LEL)*	-	-	-	0.007	NA	NA	NA	0.030	0.060	0.005	0.070
Severe Effects Level (SEL)*	-	-	-	53.000	NA	NA	NA	150.000	34.000	24.000	530.000
1	0-6"	5346.01	13:33	ND	ND	ND	ND	ND	ND	ND	ND
1	6-12"	5346.02	13:35	ND	ND	ND	ND	ND	ND	ND	ND
2	0-6"	5346.03	13:37	ND	ND	ND	ND	ND	ND	ND	ND
2	6-12"	5346.04	13:39	ND	ND	ND	ND	ND	ND	ND	ND
3	0-6"	5346.05	13:41	ND	ND	ND	ND	ND	ND	ND	ND
3	6-12"	5346.06	13:43	ND	ND	ND	ND	ND	ND	ND	ND
4	0-6"	5346.07	13:48	ND	ND	ND	ND	ND	ND	ND	ND
4	6-12"	5346.08	13:50	ND	ND	ND	ND	ND	ND	ND	ND
5	0-6"	5346.09	13:53	ND	ND	ND	ND	ND	ND	ND	ND
5	6-12"	5346.10	13:55	ND	ND	ND	ND	ND	ND	ND	ND
6	0-6"	5346.11	13:58	ND	ND	ND	ND	ND	ND	ND	ND
6	6-12"	5346.12	14:00	ND	ND	ND	ND	ND	ND	ND	ND
7	0-6"	5346.13	14:05	ND	ND	ND	ND	ND	ND	ND	ND
7	6-12"	5346.14	14:07	ND	ND	ND	ND	ND	ND	ND	ND
8	0-6"	5346.15	14:10	ND	ND	ND	ND	ND	ND	ND	ND
8	6-12"	5346.16	14:12	ND	ND	ND	ND	ND	ND	ND	ND
9	0-6"	5346.17	14:14	ND	ND	ND	ND	ND	ND	ND	ND
9	6-12"	5346.18	14:16	ND	ND	ND	ND	ND	ND	ND	ND
10	0-6"	5346.19	14:22	ND	ND	ND	ND	ND	ND	ND	ND
10	6-12"	5346.20	14:24	ND	ND	ND	ND	ND	ND	ND	ND
11	0-6"	5346.21	14:30	ND	ND	ND	ND	ND	0.047	ND	0.047
11	6-12"	5346.22	14:33	ND	ND	ND	ND	ND	ND	ND	ND
12	0-6"	5346.23	14:35	ND	ND	ND	ND	ND	ND	ND	ND
12	6-12"	5346.24	14:38	ND	ND	ND	ND	ND	ND	ND	ND
DUP	0-6"	5346.25	-	ND	ND	ND	ND	ND	0.055	ND	0.055
DUP	6-12"	5346.26	-	ND	ND	ND	ND	ND	ND	ND	ND

* NJDEP Guidance For Sediment Quality Evaluations, November 1998
Exceedances of the NJDEP Guidances are highlighted and printed in **bold-faced** type.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
NA = Not Applicable
ND = Analyte Not Detected in Sample.

Table 8
Additional Surface Water Sampling Results
PCB Analysis
May - June 2000
Main Post - M2 Landfill
Fort Monmouth, New Jersey

#15 Upgradient to M2 Landfill

Field ID Sample Location	Lab I.D.	Sample Datw	Sample Time	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (ug/L) *				0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Round 1											
#15 Stream Enter M2	5442.02	5/31/00	8:43	ND	ND	ND	ND	ND	ND	ND	ND
#15 Stream Enter M2	5449.04	6/1/00	14:55	ND	ND	ND	ND	ND	ND	ND	ND
Round 2											
#15 Stream Enter M2	5462.04	6/8/00	11:10	ND	ND	ND	ND	ND	ND	ND	ND
#15 Stream Enter M2	5474.02	6/14/00	8:56	ND	ND	ND	ND	ND	ND	ND	ND

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria (GWQC) as per NJAC 7:9-6
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
ND: Analyte Not Detected in Sample.
PQL: Practical Quantitation Limit

Table 8 (continued)
Additional Surface Water Sampling Results
PCB Analysis
May - June 2000
Main Post - M2 Landfill
Fort Monmouth, New Jersey

#24 Downgradient to M2 Landfill

Field ID Sample Location	Lab I.D.	Sample Datw	Sample Time	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (ug/L) *				0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Round 1											
#24 Stream Exit M2	5442.01	5/31/00	8:30	ND	ND	ND	ND	ND	ND	ND	ND
#24 Stream Exit M2	5449.06	6/1/00	15:14	ND	ND	ND	ND	ND	ND	ND	ND
Round 2											
#24 Stream Exit M2	5462.06	6/8/00	10:57	ND	ND	ND	ND	ND	ND	ND	ND
#24 Stream Exit M2	5474.01	6/14/00	8:56	ND	ND	ND	ND	ND	ND	ND	ND

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria (GWQC) as per NJAC 7:9-6
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
ND: Analyte Not Detected in Sample.
PQL: Practical Quantitation Limit

Table 8 (continued)
Additional Surface Water Sampling Results
PCB Analysis
May - June 2000
Main Post - M2 Landfill
Fort Monmouth, New Jersey

#23 Downgradient to Sediment Sample #11

Field ID Sample Location	Lab I.D.	Sample Datw	Sample Time	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (ug/L) *				0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Round 1											
#23 Below Sed. Sample #11	5442.03	5/31/00	8:37	ND	ND	ND	ND	ND	ND	ND	ND
#23 Below Sed. Sample #11	5449.05	6/1/00	15:02	ND	ND	ND	ND	ND	ND	ND	ND
Round 2											
#23 Below Sed. Sample #11	5462.05	6/8/00	11:02	ND	ND	ND	ND	ND	ND	ND	ND
#23 Below Sed. Sample #11	5474.03	6/14/00	9:06	ND	ND	ND	ND	ND	ND	ND	ND

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria (GWQC) as per NJAC 7:9-6
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
ND: Analyte Not Detected in Sample.
PQL: Practical Quantitation Limit

APPENDICES

APPENDIX A

FORT MONMOUTH
STANDARD OPERATING PROCEDURES

A copy of this appendix can be found at
the Fort Monmouth DPW.

APPENDIX B

GROUNDWATER MONITORING WELL AND SOIL BORING LOGS
M-2 LANDFILL

ROY F. WESTON, INC.
Groundwater Monitoring Wells MW-01 thru MW-03

GROUNDWATER & ENVIRONMENTAL SERVICES, INC.
Groundwater Monitoring Wells MW-04 thru MW10

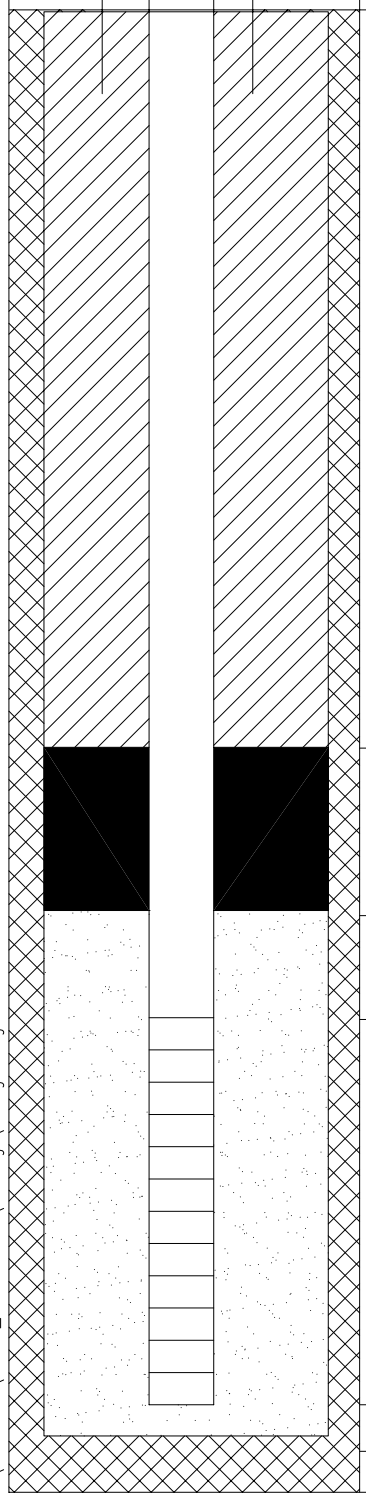
VERSAR, INC.
Groundwater Monitoring Wells MW-11 thru MW-24

U.S. ARMY FORT MONMOUTH – DIRECTORATE OF PUBLIC WORKS
Borings B1 thru B119

Appendix B
Groundwater Monitoring Wells/Boring Logs Summary
M-2 Landfill Site
Fort Monmouth, New Jersey

Well /Soil Boring ID	Stratum	Ground Elev. (ft-msl)	Fill (asphalt, turf, fill)		Upper Red Bank (Shrewsbury)		Lower Red Bank (Sandy Hook))		Screened Interval		Screened Unit
			Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	
MW-13	Top	13.54	0.00	13.54	NA	NA	NA	NA	3.00	10.54	Fill
	Bottom	13.54	20.00	-6.46	NA	NA	NA	NA	20.00	-6.46	
MW-15	Top	17.29	0.00	17.29	NA	NA	NA	NA	3.00	14.29	Fill
	Bottom	17.29	20.00	-2.71	NA	NA	NA	NA	20.00	-2.71	
MW-16	Top	15.58	0.00	15.58	NA	NA	NA	NA	3.00	12.58	Fill
	Bottom	15.58	NA	NA	NA	NA	NA	NA	20.00	-4.42	
MW-23	Top	13.17	0.00	13.17	NA	NA	NA	NA	3.00	10.17	Fill
	Bottom	13.17	NA	NA	NA	NA	NA	NA	20.00	-6.83	
MW-24	Top	14.38	0.00	14.38	NA	NA	NA	NA	3.00	11.38	Fill
	Bottom	14.38	NA	NA	NA	NA	NA	NA	20.00	-5.62	
MW-04	Top	12.15							4.00	8.15	
MW-04	Bottom	12.15							21.00	-8.85	
MW-05	Top	8.67								8.67	
MW-05	Bottom	8.67							11.82	-3.15	
MW-06	Top	10.27								10.27	
MW-06	Bottom	10.27							15.84	-5.57	
MW-07	Top	8.97							3.00	5.97	
MW-07	Bottom	8.97							14.38	-5.41	
MW-17	Top	17.32	0.00	17.32	5.00	12.32	NA	NA	2.00	15.32	Fill and
MW-17	Bottom	17.32	5.00	12.32	NA	NA	NA	NA	20.00	-2.68	Upper Red Bank
MW-18	Top	9.05	0.00	9.05	NA	NA	10.00	NA	3.00	6.05	Fill and
MW-18	Bottom	9.05	10.00	-0.95	NA	NA	NA	NA	20.00	-10.95	Lower Red Bank
MW-21	Top	13.68	0.00	13.68	5.00	8.68	15.00	NA	3.00	10.68	Lower Red Bank
MW-21	Bottom	13.68	5.00	8.68	15.00	-1.32	NA	NA	20.00	-6.32	(Sandy Hook)
MW-01	Top	19.44	0.00	19.44	2.00	17.44	12.50	NA	5.75	13.69	Upper and
	Bottom	19.44	2.00	17.44	12.50	6.94	NA	NA	22.00	-2.56	Lower Red Bank
MW-02	Top	13.36	0.00	13.36	9.00	4.36	12.00	NA	5.46	7.90	Upper and
	Bottom	13.36	9.00	4.36	12.00	1.36	NA	NA	17.00	-3.64	Lower Red Bank
MW-03	Top	10.98	0.00	10.98	9.00	1.98	13.00	NA	4.60	6.38	Upper and
	Bottom	10.98	9.00	1.98	13.00	-2.02	NA	NA	15.00	-4.02	Lower Red Bank
MW-08	Top	9.87								9.87	
	Bottom	9.87							19.04	-9.17	
MW-09	Top	10.95							3.00	7.95	
	Bottom	10.95							18.36	-7.41	
MW-10	Top	9.67								9.67	
	Bottom	9.67							19.90	-10.23	
MW-14	Top	16.85	0.00	16.85	3.00	13.85	7.00	NA	3.00	13.85	Upper and
	Bottom	16.85	3.00	13.85	7.00	9.85	NA	NA	20.00	-3.15	Lower Red Bank
MW-22	Top	9.90	NA	9.90	0.00	9.90	10.00	NA	2.00	7.90	Upper and
	Bottom	9.90	NA	9.90	10.00	-0.10	NA	NA	20.00	-10.10	Lower Red Bank
MW-11	Top	11.06	0.00	11.06	10.00	1.06	15.00	NA	27.00	-15.94	Lower Red Bank
	Bottom	11.06	10.00	1.06	15.00	-3.94	NA	NA	50.00	-38.94	(Sandy Hook)
MW-12	Top	12.25	0.00	12.25	10.00	2.25	15.00	NA	27.00	-14.75	Lower Red Bank
	Bottom	12.25	10.00	2.25	15.00	-2.75	NA	NA	50.00	-37.75	(Sandy Hook)
MW-19	Top	14.15	0.00	14.15	10.00	4.15	15.00	NA	27.00	-12.85	Lower Red Bank
	Bottom	14.15	10.00	4.15	15.00	-0.85	NA	NA	50.00	-35.85	(Sandy Hook)
MW-20	Top	14.05	0.00	14.05	10.00	4.05	15.00	NA	27.00	-12.95	Lower Red Bank
	Bottom	14.05	10.00	4.05	15.00	-0.95	NA	NA	50.00	-35.95	(Sandy Hook)

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-11	DATE STARTED	:	05/04/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
25.00	BN	
27.00	SP	
30.00	SC	
50.00	TD	

DRILLING SUMMARY

DRILLING CO. : CT&E
DRILLING RIG : HSA
WELL TYPE : SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 30.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 25.00 ft.

Seal Type: BENTONITE ***Interval:*** 25.00 to 27.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 27.00 to 30.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 30.00 to 50.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

= Grout
= Seal
= Sand Pack
= Formation

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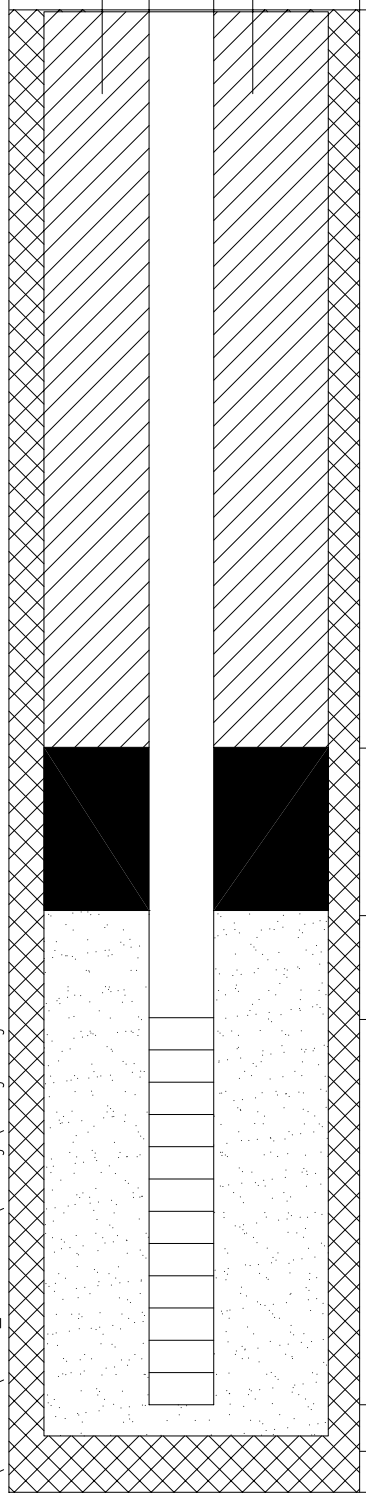
NOT TO SCALE

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-12	DATE STARTED	:	05/05/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
25.00	BN	
27.00	SP	
30.00	SC	
50.00	TD	

DRILLING SUMMARY

DRILLING CO. : CT&E
DRILLING RIG : HSA
WELL TYPE : SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 30.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 25.00 ft.

Seal Type: BENTONITE ***Interval:*** 25.00 to 27.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 27.00 to 30.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 30.00 to 50.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

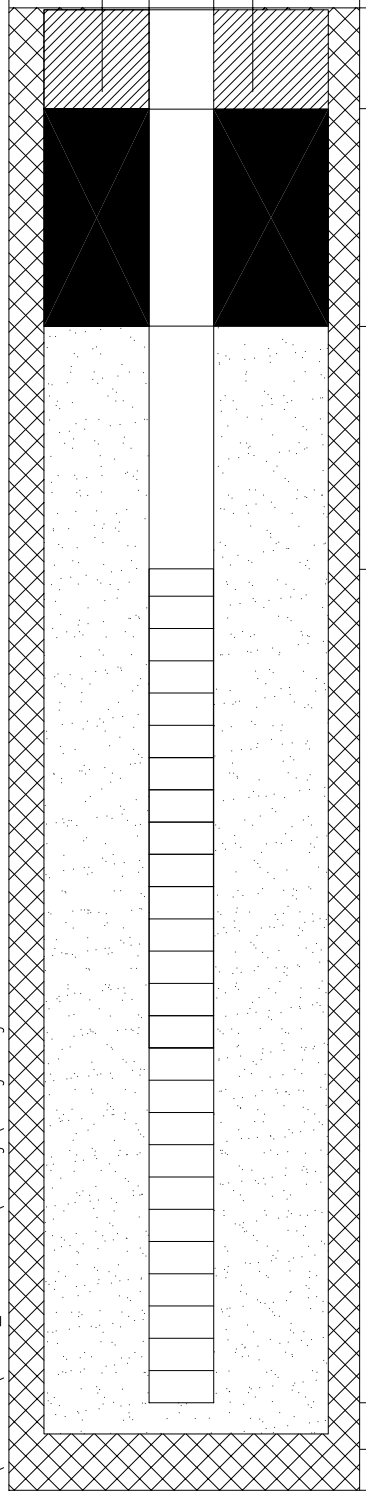
= Grout
= Seal
= Sand Pack
= Formation

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog12.dwg

NOT TO SCALE

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-13	DATE STARTED	:	05/08/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

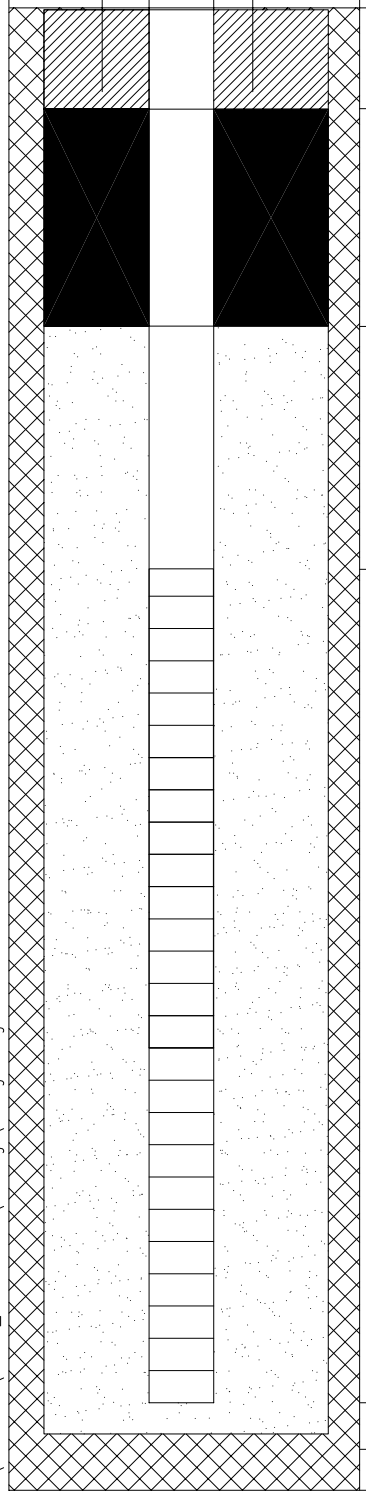
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog13.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	SV
WELL I.D.	:	MW-14	DATE STARTED	:	04/19/00
			DATE COMPLETED	:	04/19/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	IPSI
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 04/19/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

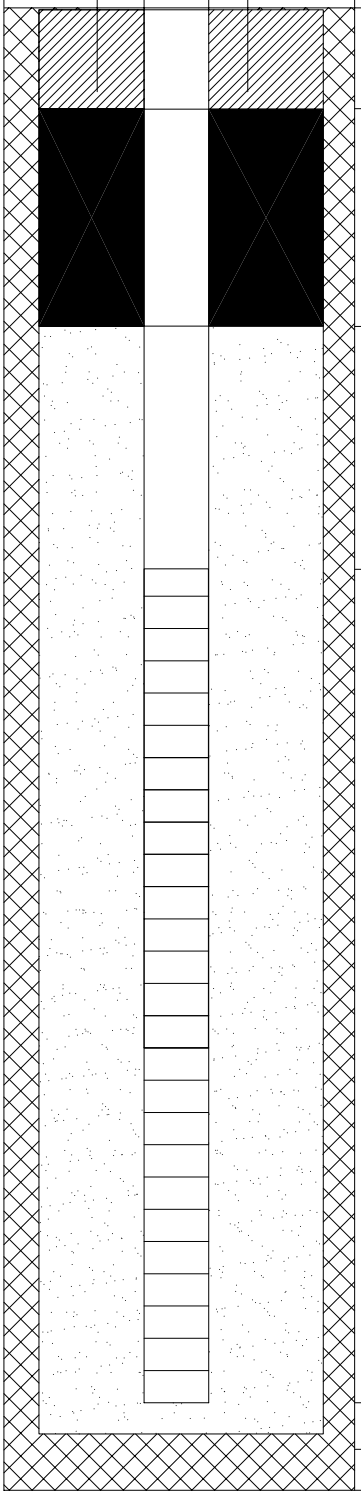
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog14.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-15	DATE STARTED	:	05/08/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

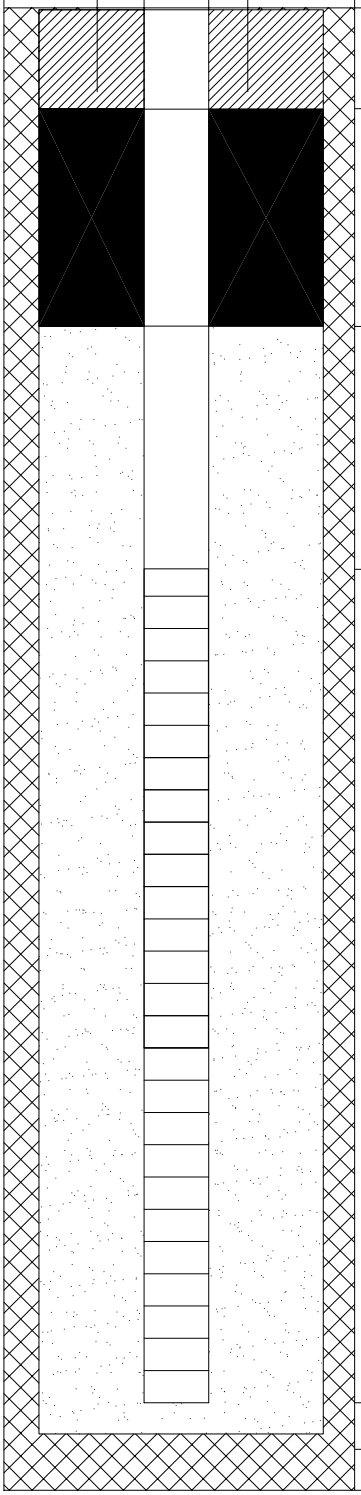
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog15.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-16	DATE STARTED	:	05/08/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

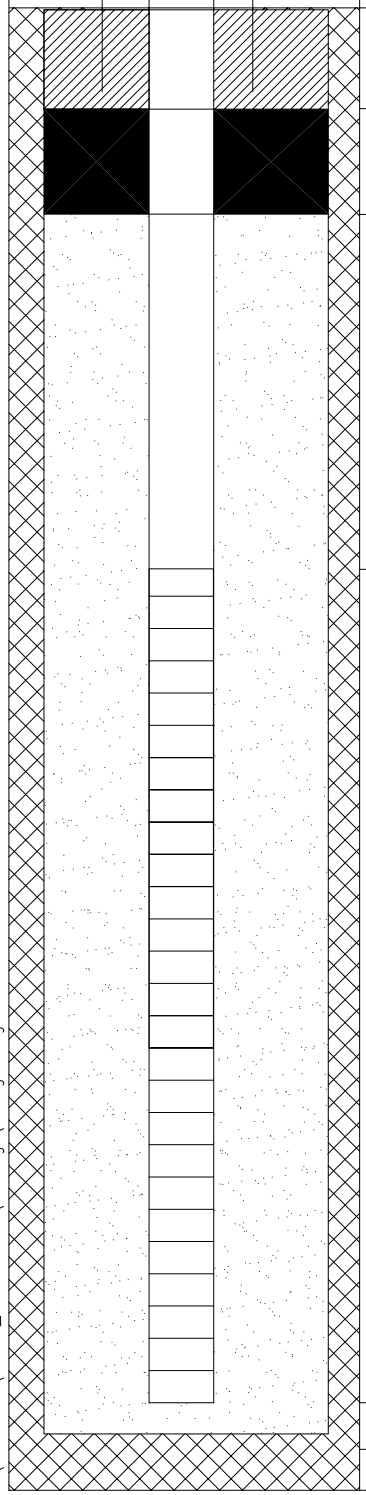
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog16.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-17	DATE STARTED	:	05/03/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
2.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 2.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

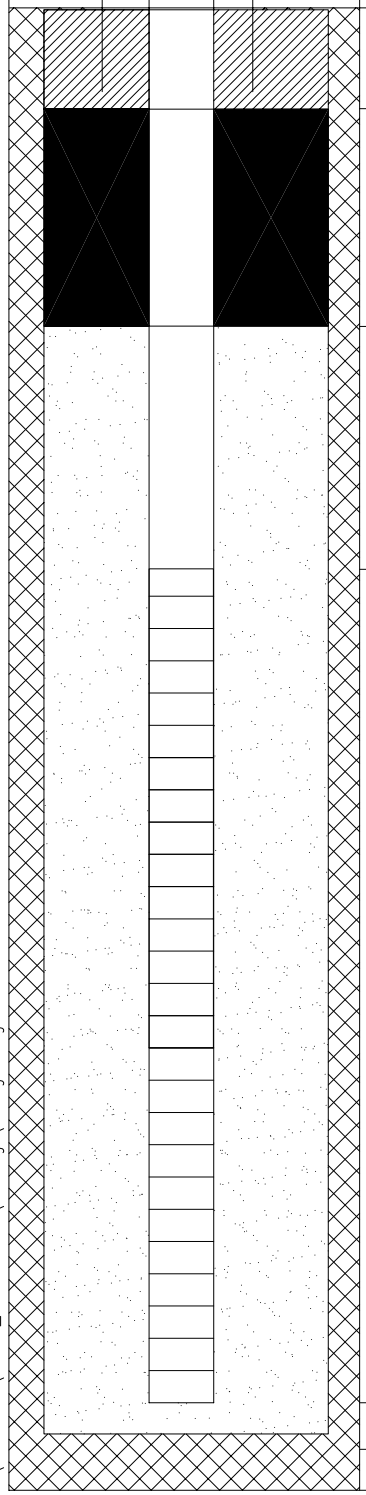
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog17.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-18	DATE STARTED	:	05/02/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

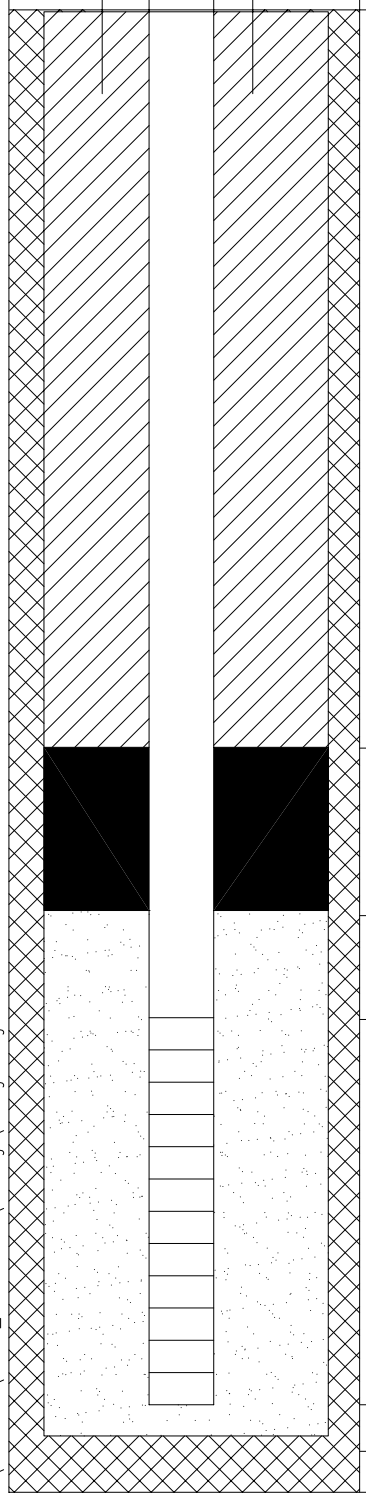
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog18.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-19	DATE STARTED	:	05/03/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
25.00	BN	
27.00	SP	
30.00	SC	
50.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 30.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 25.00 ft.

Seal Type: BENTONITE ***Interval:*** 25.00 to 27.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 27.00 to 30.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 30.00 to 50.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

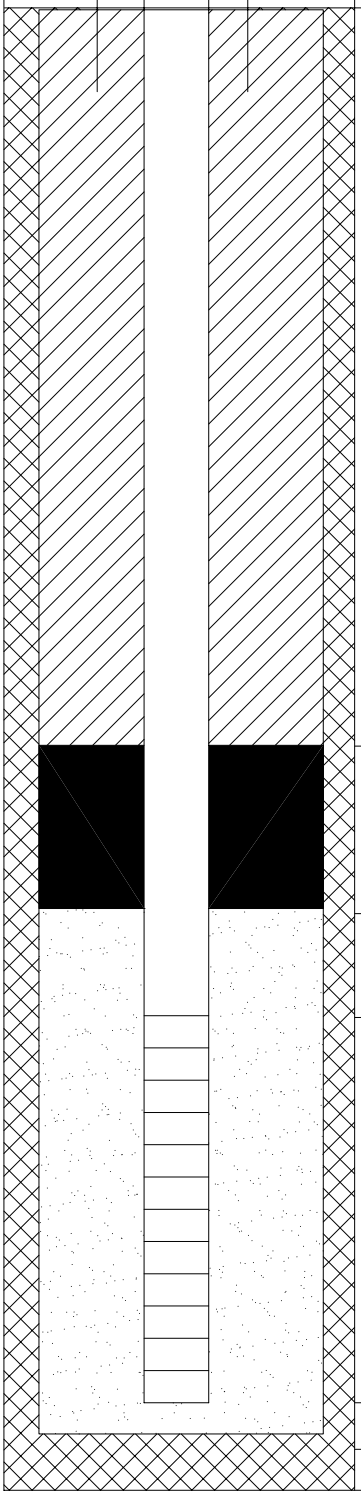
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog19.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-20	DATE STARTED	:	05/02/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
25.00	BN	
27.00	SP	
30.00	SC	
50.00	TD	

DRILLING SUMMARY

DRILLING CO. : CT&E
DRILLING RIG : HSA
WELL TYPE : SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 30.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 25.00 ft.

Seal Type: BENTONITE ***Interval:*** 25.00 to 27.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 27.00 to 30.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 30.00 to 50.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

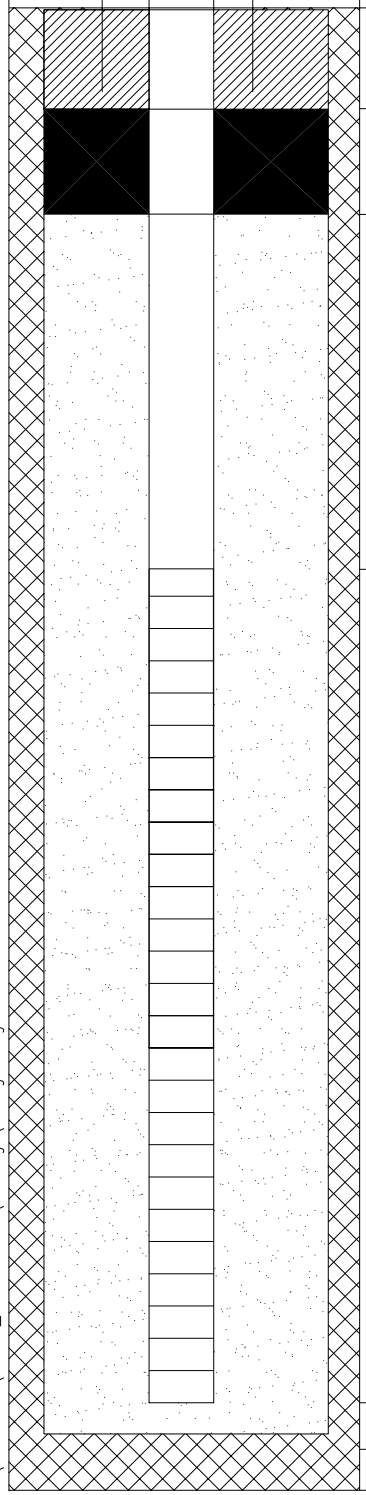
= Grout
= Seal
= Sand Pack
= Formation

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog20.dwg

NOT TO SCALE

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-21	DATE STARTED	:	05/03/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
2.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 2.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

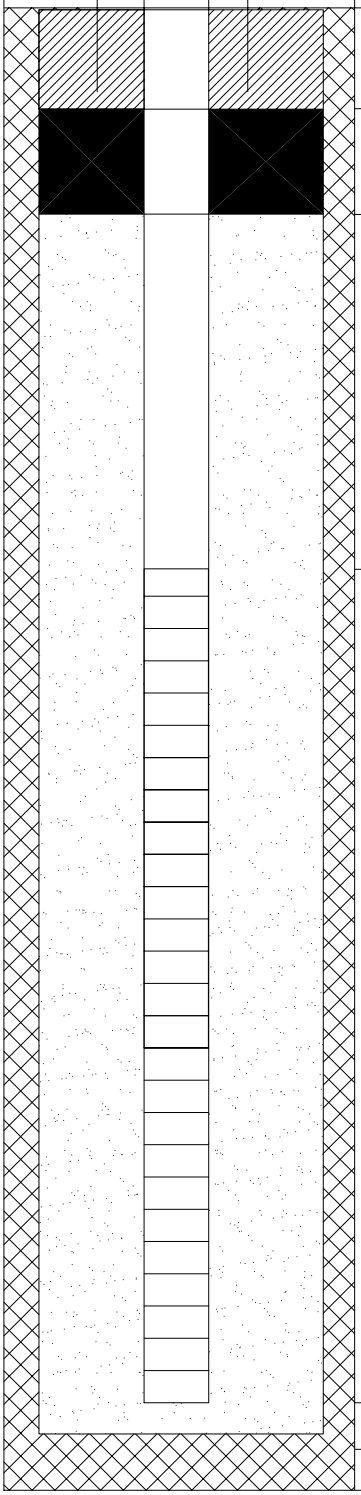
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog21.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-22	DATE STARTED	:	05/03/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
2.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 2.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

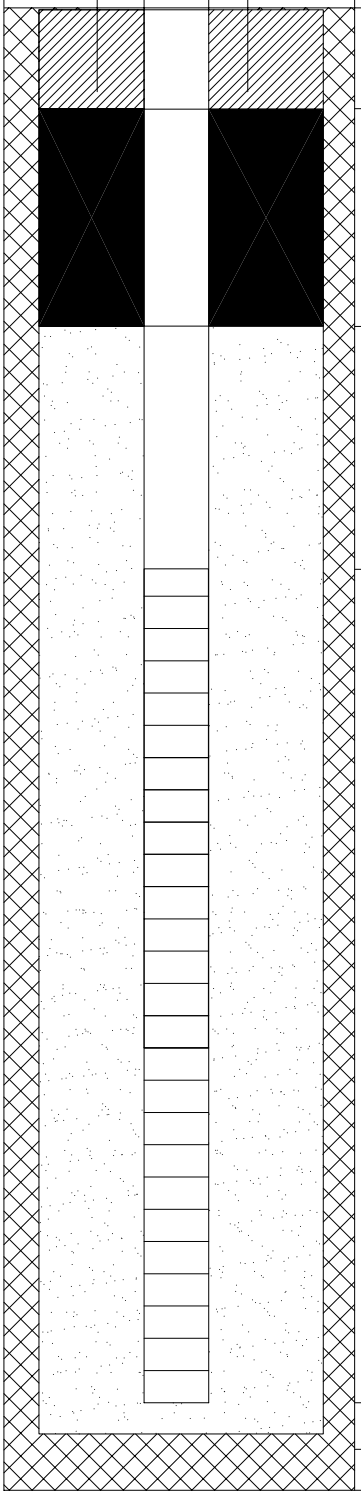
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog22.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-23	DATE STARTED	:	05/08/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
3.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 3.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

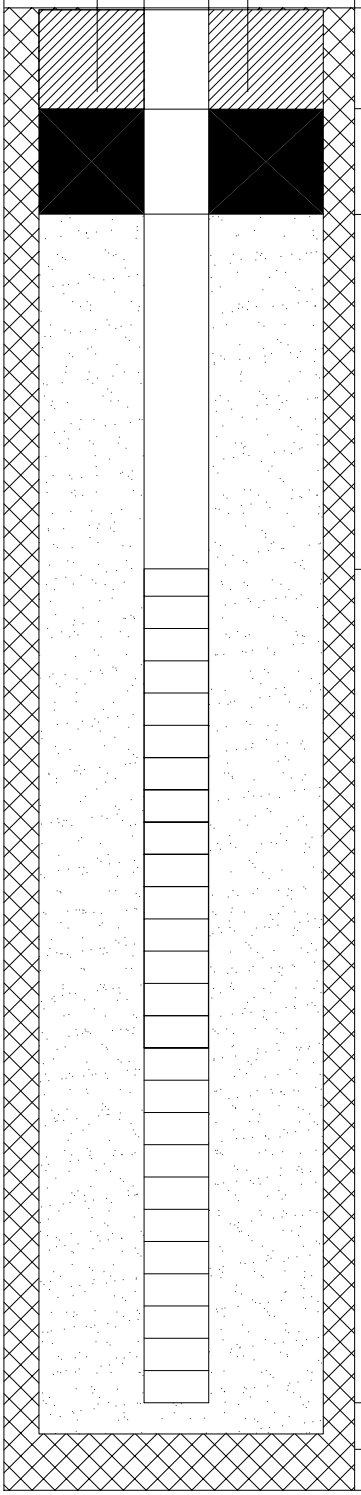
= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\welllog23.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
WELL I.D.	:	MW-24	DATE STARTED	:	05/04/00
			DATE COMPLETED	:	05/09/00



DEPTH		ELEV.
3.00	TC	
0.00	GS	
1.00	BN	
2.00	SP	
5.00	SC	
20.00	TD	

DRILLING SUMMARY

DRILLING CO.	:	CT&E
DRILLING RIG	:	HSA
WELL TYPE	:	SINGLE CASED SCREENED

WELL DESIGN CONSTRUCTION

Casing #1 Diameter: 4.00 inch ***Interval:*** 0.00 to 5.00 ft.
Type: PVC

Stick Up Inner Casing: 3.00 ft.

Casing Grout: PORTLAND CEMENT ***Interval:*** 0.00 to 1.00 ft.

Seal Type: BENTONITE ***Interval:*** 1.00 to 2.00 ft.

Sand Pack Type: #1 MORIE ***Interval:*** 3.00 to 5.00 ft.
Grain Size: UNIFORM

Screen Diameter: 4.00 inch ***Interval:*** 5.00 to 20.00 ft.
Type: PVC ***Slots:*** 0.010 inches

WELL DEVELOPMENT

Date: 05/09/00

COMMENTS

TC = Top of Casing
GS = Ground Surface
BN = Top Seal
SP = Top Sand Pack
SC = Top of Screen
BS = Bottom of Screen
TD = Total Depth

= Grout
= Seal
= Sand Pack
= Formation

NOT TO SCALE

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Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-11	DRILLING CO.	:	CT&E
NORTHING	:	538078.376	DRILLING RIG	:	HSA
EASTING	:	616849.092	DATE STARTED	:	05/04/00
ELEVATION	:	13.83	DATE COMPLETED	:	05/04/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	2		Organic Material with sand and silt	Dk. brown - black		HNU 0.0	
	4						
	6		Organic material with said and silt	Brown	MST WET	HNU 0.0	Organic material contains brown peat like soil
	8						
	10		Sandy silt with clay	Dk brown - black	WET	HNU 0.0	
	12						
	14						
	16		Sandy silt with clay	Olive - green	WET	HNU 0.0	
	18						
	20						
	22						
	24						
	26						
	28						
	30		Silty sand to sandy silt	Olive - green	WET	HNU 0.0	Slurry-like
	32						
	34						
	36						
	38						
	40		Silty sand to sandy silt	Olive to green -gray	WET	HNU 0.0	Slurry-like
	42						
	44						
	46		Silty sand to sandy silt	Green, olive	WET	HNU 0.0	
	48		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-12	DRILLING CO.	:	CT&E
NORTHING	:	538141.382	DRILLING RIG	:	HSA
EASTING	:	617074.439	DATE STARTED	:	05/05/00
ELEVATION	:	14.37	DATE COMPLETED	:	05/05/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	2		Organic material with sand and silt	Dk. brown - black		HNU 0.0	
	4						
	6		Organic material with sand and silt	Brown	MST WET	HNU 0.0	Organic material contains some brown peat-like soil
	8						
	10		Sandy silt with clay	Dk brown - black	WET	HNU 0.0	
	12						
	14						
	16		Sandy silt with clay	Olive - green	WET	HNU 0.0	
	18						
	20						
	22						
	24						
	26						
	28						
	30		Silty sand to sandy silt	Olive - green	WET	HNU 0.0	Slurry-like
	32						
	34						
	36						
	38						
	40		Silty sand to sandy silt	Olive to greenish - gray	WET	HNU 0.0	Slurry-like
	42						
	44						
	46		Silty sand to sandy silt	Green - olive	WET	HNU 0.0	
	48		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-13	DRILLING CO.	:	CT&E
NORTHING	:	538111.333	DRILLING RIG	:	HSA
EASTING	:	617129.226	DATE STARTED	:	05/08/00
ELEVATION	:	16.08	DATE COMPLETED	:	05/08/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1–15		Organic material with sand and silt	Dk. brown – black	MST	HNU 0.0	
	15–20		Organic material with sand and silt	Dk. brown – black	WET	HNU 0.0	
	20		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	SV
BORING I.D.	:	MW-14	DRILLING CO.	:	IPSI
NORTHING	:	537998.807	DRILLING RIG	:	HSA
EASTING	:	617060.099	DATE STARTED	:	04/19/00
ELEVATION	:	19.19	DATE COMPLETED	:	04/19/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1–3		Organic material				Organic material mostly made up of wood chips.
	3–5		Sand with gravel (fine to coarse)	Tan	MST	HNU 0.0	
	5–7		Silty sand (fine)	Brown		HNU 0.0	
	7–18		Silty clay	Olive green		HNU 0.0	
	18–20		Silty clay with sand (medium-fine)	Olive green		HNU 0.0	
	20		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-15	DRILLING CO.	:	CT&E
NORTHING	:	537874.890	DRILLING RIG	:	HSA
EASTING	:	616850.858	DATE STARTED	:	05/08/00
ELEVATION	:	19.70	DATE COMPLETED	:	05/08/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material and debris	Black	WET	HNU 0.0	
	2						
	3						
	4						
	5						
	6						
	7						Plywood debris
	8						
	9						
	10						Water interface
	11						
	12		Organic material				Plywood debris
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
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(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-16	DRILLING CO.	:	CT&E
NORTHING	:	537874.890	DRILLING RIG	:	HSA
EASTING	:	616850.858	DATE STARTED	:	05/08/00
ELEVATION	:	18.17	DATE COMPLETED	:	05/08/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material with sand and silt	Dk. brown - black	MST	HNU 0.0	Dark brown to black heavy organics (wood debris) w/ little sand and silt. Damp.
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15		Organic material with sand and silt	Dk. brown - black	WET	HNU 0.0	
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
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(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-17	DRILLING CO.	:	CT&E
NORTHING	:	537616.618	DRILLING RIG	:	HSA
EASTING	:	616401.301	DATE STARTED	:	05/03/00
ELEVATION	:	20.12	DATE COMPLETED	:	05/03/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Sand with organic material and some clayey-silt			HNU 0.0	
	2						
	3						
	4						
	5		Sandy silt with some clay	Yellow - tan	WET	HNU 0.0	
	6						
	7						
	8						
	9						
	10					HNU 0.0	
	11						
	12						
	13						
	14						
	15		Silty sand with clay	Dk. bwn - brown	WET	HNU 0.0	
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
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(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-18	DRILLING CO.	:	CT&E
NORTHING	:	537675.843	DRILLING RIG	:	HSA
EASTING	:	616190.469	DATE STARTED	:	05/02/00
ELEVATION	:	11.67	DATE COMPLETED	:	05/02/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material with silt and sand	Dk. brwn - blk		HNU 0.0	
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10		Sandy silt to silty sand	Olive green	WET	HNU 0.0	
	11						
	12		Sandy silt with some clay			HNU 0.0	
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-19	DRILLING CO.	:	CT&E
NORTHING	:	537781.160	DRILLING RIG	:	HSA
EASTING	:	616602.405	DATE STARTED	:	05/03/00
ELEVATION	:	16.66	DATE COMPLETED	:	05/03/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	2		Organic material with sand and silt	Dk. brown - black		HNU 0.0	
	4						
	6		Organic material with sand and silt	Brown	MST WET	HNU 0.0	Organic material contains some brown peat-like soil
	8						
	10		Sandy silt with clay	Dk brown - black	WET	HNU 0.0	
	12						
	14						
	16		Sandy silt with clay	Olive - green	WET	HNU 0.0	
	18						
	20						
	22						
	24						
	26						
	28						
	30		Silty sand to sandy silt	Olive - green	WET	HNU 0.0	Slurry-like
	32						
	34						
	36						
	38						
	40		Silty sand to sandy silt	Olive to greenish - gray	WET	HNU 0.0	Slurry-like
	42						
	44						
	46		Silty sand to sandy silt	Green - Olive	WET	HNU 0.0	
	48		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
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PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	50.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-20	DRILLING CO.	:	CT&E
NORTHING	:	537717.821	DRILLING RIG	:	HSA
EASTING	:	616338.108	DATE STARTED	:	05/02/00
ELEVATION	:	16.84	DATE COMPLETED	:	05/02/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	2		Organic material with sand and silt	Dk. brown - black		HNU 0.0	
	4						
	6		Organic material with sand and silt	Brown	MST WET	HNU 0.0	Organic material contains some brown peat-like soil
	8						
	10		Sandy silt with clay	Dk brown - black	WET	HNU 0.0	
	12						
	14						
	16		Sandy silt with clay	Olive - green	WET	HNU 0.0	
	18						
	20						
	22						
	24						
	26						
	28						
	30		Silty sand and sandy silt	Olive - green	WET	HNU 0.0	Slurry-like
	32						
	34						
	36						
	38						
	40		Silty sand to sandy silt	Olive to greenish - gray	WET	HNU 0.0	Slurry-like
	42						
	44						
	46		Silty sand to sandy silt	Green - Olive	WET	HNU 0.0	
	48		END OF BOREHOLE				

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Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-21	DRILLING CO.	:	CT&E
NORTHING	:	537800.766	DRILLING RIG	:	HSA
EASTING	:	616516.550	DATE STARTED	:	05/03/00
ELEVATION	:	16.59	DATE COMPLETED	:	05/03/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material with sand and silt	Dk. brown - black		HNU 0.0	
	2						
	3						
	4						
	5		Silty sand with some clay	Dk. bwn - black	WET	HNU 0.0	
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-22	DRILLING CO.	:	CT&E
NORTHING	:	537767.277	DRILLING RIG	:	HSA
EASTING	:	616174.099	DATE STARTED	:	05/03/00
ELEVATION	:	12.71	DATE COMPLETED	:	05/03/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Sand (med. to fine)	Yellow		HNU 0.0	
	2						
	3						
	4						
	5		Silt and clay	Black - dk. brwn.	WET	HNU 0.0	
	6						
	7						
	8						
	9						
	10		Sandy-silt to silty-sand with some clay	Olive-dk green	WET	HNU 0.0	
	11						
	12						
	13						
	14						
	15		Sandy-silt to silty-sand with some clay	Olive-dk green	WET	HNU 0.0	
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-23	DRILLING CO.	:	CT&E
NORTHING	:	538048.258	DRILLING RIG	:	HSA
EASTING	:	616896.090	DATE STARTED	:	05/08/00
ELEVATION	:	15.86	DATE COMPLETED	:	05/08/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material with sand and silt	Dk. brown - black	MST	HNU 0.0	Heavy organics containing wood debris
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15		Organic material with sand and silt	Dk. brown - black	WET	HNU 0.0	
	16						
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

J:\FORTMON2\D.O. 3_M-2 LandFill\well logs\mw23.dwg

Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

PROJECT	:	FT. MONMOUTH	TOTAL DEPTH	:	20.00'
SITE NAME	:	M2 LANDFILL	LOGGER	:	TJW
BORING I.D.	:	MW-24	DRILLING CO.	:	CT&E
NORTHING	:	537791.335	DRILLING RIG	:	HSA
EASTING	:	616602.317	DATE STARTED	:	05/04/00
ELEVATION	:	16.78	DATE COMPLETED	:	05/04/00

ELEVATION	DEPTH	MATERIAL	CLASSIFICATION	COLOR	MOISTURE	FIELD INSTRUMENT READING	COMMENTS
	1		Organic material with sand and silt	Dk. brown - black	MST	HNU 0.0	Heavy organics containing wood debris
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16		Organic material with sand and silt	Dk. brown - black	WET	HNU 0.0	
	17						
	18						
	19						
	20		END OF BOREHOLE				
	21						
	22						

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Versar INC.
1900 FROST ROAD, SUITE 110
BRISTOL, PA 19007
(215) 788-7844

APPENDIX C

LOW FLOW SAMPLING PLAN AND RESULTS
M-2 LANDFILL

Correspondence to Mr. Joseph Fallon, Directorate of Public Works, Headquarters, U.S. Army Garrison Fort Monmouth from Mr. Ian R. Curtis, Case Manager, NJDEP, Bureau of Case Management, dated 3 December 1999

Correspondence to Mr. Ian R. Curtis, Case Manager, NJDEP, Division of Responsible Party Site Remediation, Bureau of Case Management from Mr. Joseph Fallon, Directorate of Public Works, Headquarters, U.S. Army Garrison Fort Monmouth, dated 7 October 1999

Field Sampling and Quality Assurance Plan [For Proposed Low Flow Purging and Sampling at the M-2 Landfill], Prepared by BCM Engineers, dated 6 October 1999

Standard Operating Procedure No.: SAM-0205, dated 8/9/99, Sample Handling - Monitor Well Sampling for IRP Sites at Fort Monmouth

Fort Monmouth Environmental Testing Laboratory
Analytical Data Report for Low Flow Sampling at M-2 Landfill
January 2000

State of New Jersey
Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

Mr. Joseph Fallon
Directorate of Public Works
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, NJ 07703 - 5101

DEC 03 1999

Re: Low Flow Sampling - Site M2
Fort Monmouth Main Post
Tinton Falls, Monmouth County

Dear Mr. Fallon:

The NJDEP is in receipt of your letter of October 7, 1999 requesting our review of the low-flow ground water sampling procedures determined necessary for accurate delineation of the contamination at the M2 landfill site located on the Main Post. NJDEP comments are summarized.

COMMENTS

1. Low Flow sampling should incorporate the use of a flow-through cell. The intent of a flow through cell is to minimize interaction of the purge water with the atmosphere, and to keep the metering probes constantly bathed in fresh well water. Since it is desirable to limit residence time within the vessel, the volume of the vessel must be relatively small. Depending on atmospheric conditions/temperature, this would generate a potential for temperature fluctuations to occur which would affect the accuracy of field measurements (especially for DO, Temp, pH, etc.). A diagram of a flow through cell is provided on page *two*. The exact type and construction of the flow-through cell may vary, but the basic principles must be met as described below:

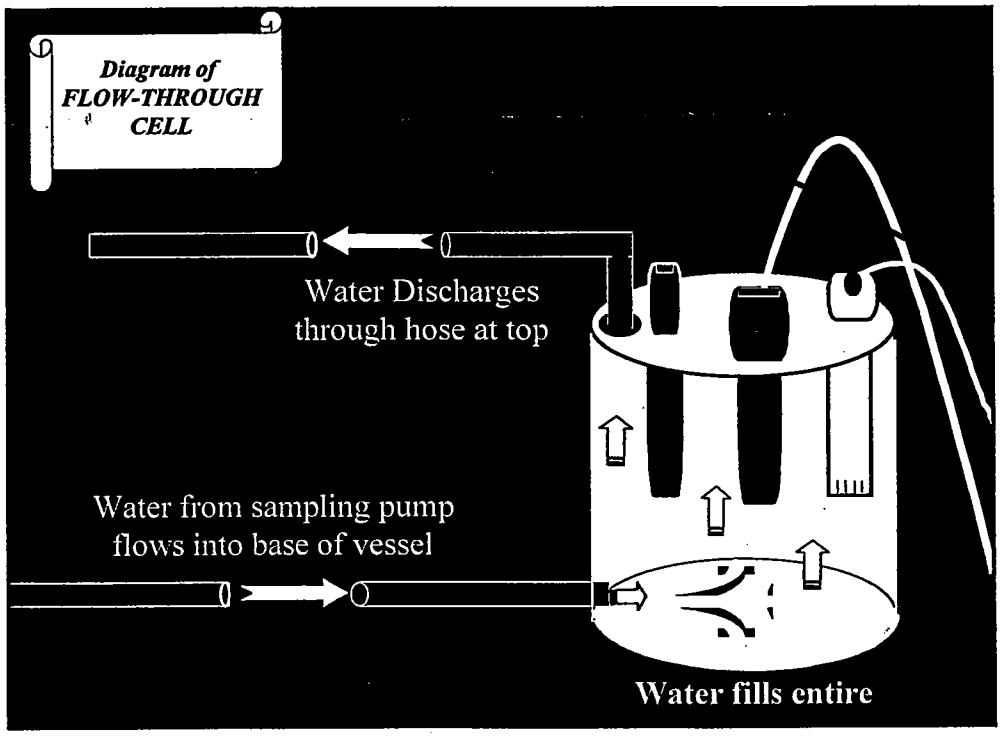
- Water enters from bottom and is forced out the top
- Metering probes are constantly bathed in fresh well water, and there is no significant headspace existing at the top of the vessel
- Cell should be relatively small to limit residence time.

2. The length of tubing between the well and the flow-through cell must be short to prevent heating or cooling of the sample prior to it entering the flow-through cell. In this respect, the flow-through cell and all metering devices should be situated in close proximity to the well.

3. Tubing diameter must be small ($\frac{1}{4}$ to $\frac{3}{8}$ inch) to prevent air bubbles from forming in the discharge line.

4. Ground water elevation measurements and total depth of well measurements must be obtained the day before sampling is actually conducted. The intent of this condition is to limit disturbance of the water column within the well, to obtain synoptic ground water elevation data, and to document well construction specifications prior to sampling (i.e., total depth of well).

5. No interruptions in flow, or adjustments to flow rate, should occur between purging and sampling once field parameters have stabilized.



Please note that due to the use of a peristaltic pump in the sampling process, the NJDEP only allows compounds with low volatility and metals to be sampled using this procedure.

If I can be of any further assistance, please do not hesitate to contact me at (609) 633-7232.

Sincerely

Ian R. Curtis, Case Manager
Bureau of Case Management
ICURTIS@DEP.STATE.NJ.US

DEPARTMENT OF THE ARMY
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, New Jersey 07703 - 5101

REPLY TO
ATTENTION OF

Directorate of Public Works

October 7, 1999

State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
Bureau of Case Management
401 East State Street, 5th Floor
ATTN: Ian Curtis
P.O. 028
Trenton, NJ 08625-0028

SUBJECT: Remedial Investigation of Landfill Site M2

Dear Mr. Curtis:

As part of an ongoing remedial investigation at landfill site M2, the Directorate of Public Works (DPW) has installed a total of ten shallow monitoring wells in order to evaluate ground water quality. During the site investigation phase of this project, four monitoring wells (four-inch diameter wells) were installed. To date, nine consecutive quarterly rounds of ground water samples have been collected from each of the four wells. The Standard Operating Procedure (SOP No.: SAM-0205) titled "Monitor Well Sampling for Installation Restoration Program (IRP) Sites at Fort Monmouth" which documents our sampling procedures is enclosed for your review and edification. Each sample was analyzed for Target Compound List (TCL) plus 30 parameters and Target Analyte List (TAL) metals. Based upon the presence of moderate levels of chlorobenzene within site ground water, the DPW was preparing to develop a Remedial Action Work Plan which stipulated natural attenuation for the contaminant of concern. This matter was discussed between us during an earlier onsite visit to Fort Monmouth. At the time you verbally recommended that we install additional monitoring wells and collect subsequent ground water samples to better support our natural attenuation approach. The DPW installed six monitoring wells (two-inch diameter wells) in August of 1998. The wells were placed down gradient of the landfill, adjacent to Mill Creek, spaced at 200 to 300 foot intervals. Following the well installations, four ground water sampling events were completed during three consecutive quarterly periods. Each sample was analyzed for TCL plus 30 parameters and TAL metals. Polychlorinated biphenyls (PCB) have been identified within two of the six monitoring wells (M2MW06 and M2MW09). The analytical results for the two wells can be viewed in Tables 1 and 2.

Table # 1

Monitoring Well M2MW-06

Sample Date	Purge Rate (Milliliters/Minute)	Contaminant of Concern	Result (ug/L)	NJDEP GW Quality Criteria
10/19/98	795	PCB	0.865	0.50
11/2/98	795	PCB	2.260	0.50
2/3/99	871	PCB	0.611	0.50
6/15/99	757	PCB	ND	0.50
7/20/99	871	PCB	0.581	0.50

Table # 2

Monitoring Well M2MW-09

Sample Date	Purge Rate (Milliliters/Minute)	Contaminant of Concern	Result (ug/L)	NJDEP GW Quality Criteria
10/19/98	681	PCB	4.55	0.50
11/2/98	681	PCB	1.73	0.50
2/3/99	871	PCB	1.431	0.50
6/15/99	871	PCB	ND	0.50
7/20/99	871	PCB	1.456	0.50

In an effort to determine the source of the PCB contamination, the DPW has collected soil samples within the vicinity of wells M2MW-06 and M2MW-09. PCBs have been identified within site soils. Furthermore, PCBs were identified within the soil column just above the water table. It is our belief that the PCB levels observed within the ground water at wells M2MW-06 and M2MW-09 are a function of PCB oils adhering to soil particles which are being drawn into the saturated section of the monitoring well during the course of well purging and sampling activities. We therefore conclude that the PCB contamination identified in earlier sampling rounds is not a true indication of their presence within site ground water.

In order to substantiate our position, the DPW proposes to collect two rounds of ground water samples from each well under a low flow purge and sampling procedure. The attached Field Sampling and Quality Assurance Plan is hereby submitted for your review and approval. Should you have any questions or require any additional information at this time, the undersigned can be contacted at the following telephone number: (732) 532-6223.

Sincerely,

Joseph M. Fallon

Joseph M. Fallon, CHMM
Environmental Protection Specialist
Directorate of Public Works

Enclosures

FIELD SAMPLING AND QUALITY ASSURANCE PLAN

FOR

UNITED STATES ARMY, FORT MONMOUTH, NEW JERSEY
DIRECTORATE OF PUBLIC WORKS
BUILDING 173
FORT MONMOUTH, NJ 07703

PREPARED BY:

BCM ENGINEERS
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OCTOBER 6, 1999

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I INTRODUCTION

ATC Associates has been retained by the Fort Monmouth Directorate of Public Works (DPW) to conduct a sampling event, using low flow purging and sampling, at landfill site M2. All project activities will be conducted in accordance with this Field Sampling and Quality Assurance Plan (FSQAP), and with the *New Jersey Department of Environmental Protection, Site Remediation Program, Technical Requirements for Site Remediation* N.J.A.C. 7.26E, (Technical Requirements).

The data generated during these activities will be used to evaluate the groundwater quality associated with two monitoring wells (site M-2) for the purpose of confirming the presence of PCBs and elevated metals concentrations.

The NJDEP will be notified prior to the commencement of on-site investigation activities.

This FSQAP, which was prepared following the Technical Requirements, and Ground Water Sampling Guidelines for Low Flow Pump Purging and Sampling procedure, will ensure that field sampling procedures, analytical methods selected, and chemical analytical data are of sufficient quality to meet the intended uses. The recommended procedure will, in most situations, provide for the collection of ground water samples with minimum turbidity. This procedure is designed to be used in conjunction with the analyses for the most common types of ground water contaminants (volatile and semi-volatile and semi-volatile organic compounds, pesticides, PCBs, and inorganic compounds).

The site investigation activities will include groundwater sampling in the following areas:

Landfill M2, monitoring wells MW-06 and MW-09;

II EQUIPMENT

Low flow-rate peristaltic pumps will be used. A peristaltic pump is a self-priming suction lift pump, utilized at the ground surface, which consists of a rotor with ball bearing rollers. The liquid being pumped moves totally within the sampling tube, and no part of the pump contacts the liquid, greatly simplifying decontamination procedures.

Silicone tubing will be used in the pumps. The tubing on either side of the pump will be Teflon® tubing. The Teflon® tubing used in purging and sampling each well will be dedicated to the individual well.

A water level measuring device with 0.01 floor accuracy, a graduated cylinder, an in-line purge criteria parameter monitoring instrument (for pH, specific conductance, temperature, and dissolved oxygen), a turbidity meter, and a stop watch will be used for flow measurements.

III PRELIMINARY SITE ACTIVITIES

1. Check well for damage or tampering, record pertinent observations.

2. Lay out sheet of polyethylene for monitoring and sampling equipment.

3. Measure VOCs (volatile organic compounds) at the rim of the unopened well with a PID or FID instrument and record the reading in the field logbook.

4. Remove well cap.

5. Measure VOCs within the well casing with a PID or FID instrument and record the reading in the field logbook.

6. Measure and record the depth to water (to 0.01 ft) in all wells to be sampled before any purging begins. Care will be taken to minimize disturbance to the water column and to any particulate attached to the sides or at the bottom of the well.

7. During previous sampling events, no DNAPL was detected within the two monitoring wells. Based upon this information, DNAPL measurements will be conducted following sample collection. This procedure will minimize disturbance to the water column prior to sampling activities.

IV SAMPLING PROCEDURE

The equipment specified in Section II of this Guideline will be used to purge and sample the monitoring wells. The sampling procedure is as follows:

1. The sampling tube will be lowered slowly into the well to a depth corresponding to the center of the saturated screen section of the well. The end of the tube will be kept above the bottom of the well to prevent mobilization of any sediment in the bottom of the well.

2. The water level will be measured again before starting the pump.

3. The well pumping will start at 200 to 400 milliliters per minute (ml/min). The pumping rate should cause little or no water level drawdown in the well (less than 0.2 ft. and water level should stabilize). The water level will be monitored every three to five minutes during pumping. Care will be taken not to cause pump suction to be broken, or entrainment of air in the tubing. All pumping rate adjustments and depths to water will be recorded. Pumping rates will, if needed, be reduced to the minimum capabilities of the pump to avoid pumping the well dry and/or to ensure stabilization of indicator parameters. If the recharge rate of the well is very low, purging will be interrupted so as not to cause the drawdown within the well to advance to the end of the tube. However, a steady flow rate will commence as soon as the volume in the well has recovered sufficiently to permit collection of samples.

4. During purging of the well, in-line water quality indicator parameters (pH, specific conductance, temperature, and dissolved oxygen) and turbidity will be monitored every three to five minutes. The well will be considered stabilized and ready for sample collection once all the field indicator parameter values remain within +/-10% for three consecutive readings, with the exception of +/-0.05 units for pH. If the parameters have stabilized, but the turbidity is not in the range of the 5-10 NTU goal, then the pump flow rate will be decreased to no more than 100 ml/min. If all the parameters have again stabilized, or if all parameters except turbidity have again stabilized, sampling of the groundwater will commence.

5. PCB and TAL metal samples will be collected and placed directly into pre-preserved sample containers. The tubing will be disconnected from the in-line monitoring instrument prior to collecting each sample. All sample containers will be filled by allowing the pump discharge to flow gently down the inside of the container with minimal turbulence.

6. As each sample is collected, the sample will be labeled. All samples requiring cooling will be placed into an ice cooler maintained between 3° C and 5° C for delivery to the laboratory.

7. After collection of the samples, the Teflon® tubing will be placed in polyethylene bags labeled with the monitoring well designation and stored for subsequent sampling events. If no future events are planned, the Teflon® tubing will be discarded. The silicone tubing used in the pumps will be discarded after each sample is collected.

8. Following sample collection, a depth to groundwater measurement for each well will be recorded.

9. The well will be secured.

V DECONTAMINATION

Since dedicated tubing will be used, and since groundwater to be sampled will not come into contact with any of the equipment common to all the wells purged, no decontamination of equipment is necessary.

VI FIELD QUALITY CONTROL

Quality control samples are required to verify that the sample collection and handling process has not affected the quality of the ground water samples. All field quality control samples will be prepared exactly as regular investigation samples with regard to sample volume, containers, and preservation. The following quality control samples will be collected for each batch of samples (a batch will not exceed 20 samples):

- Field duplicate.

VII FIELD LOGBOOK

A field logbook will be kept to document the following:

- Well identification;
- Well depth, and measurement technique;
- Static water level depth, date, time, and measurement technique;
- Field observations of sampling event;
- Weather conditions;
- QA/QC data for field instruments.

VIII SAMPLE IDENTIFICATION

1. Each container will be labeled by the sampler to avoid any possibility of sample misidentification.

2. At a minimum, each label will contain the following information:

- Site Name;
- Sample designation number (field number);
- Sample description (sample type);
- Date sampled;
- Time sampled;
- Sampler's name;
- pH adjustment: acid/base used, pH achieved (preservative);
- Analysis requested.

3. U.S. Army Fort Monmouth Environmental Testing Laboratory (NJDEP Certification ID#13461) will be utilized for sample analysis. Upon arrival at the laboratory, each sample will be assigned a unique laboratory identification number that will be used for analysis assignment, sample tracking, and data reporting while the samples are at the laboratory.

IX SAMPLE CUSTODY

Samples for chemical analysis, which collected on each sampling day, will be considered under custody if:

1. They are in possession.

2. They were in possession and were locked up or sealed in a tamper-proof manner.

3. They are placed in a designated secure area.

Empty, clean, preserved sample containers will be relinquished by the laboratory with a chain-of-custody record. The chain-of-custody record will be used for all samples collected. Any transfer of custody of containers or samples will be noted on the chain-of-custody record. Each sample collected for the project will be entered on the chain-of-custody record and the original chain-of-custody record will accompany the sample containers during transport to document their custody.

The laboratory will assume custody of the samples upon receipt and a designated sample custodian will be charged with sample receipt, completion of custody records, checking correctness of sample documentation, sample log-in, and sample distributions. All samples will be logged in a bound, volume-numbered custody logbook, or into the laboratory information management system.

The following information will be supplied to complete the chain-of-custody record:

a. Project name;

b. Signature of samplers;

c. Sampling station number, date and time of collection, grab or composite sample designation, and brief description of the type of sample; sampling location; and analysis parameters;

d. Signatures of individuals involved in sample transfer, i.e., relinquishing and accepting samples. Individuals receiving the samples shall sign, date, and note the time that they received the sample on the form;

e. In the lower right comment section, the type of carrier service will be indicated.

At the end of the sampling day (for each bottle shipment), all samples and blanks for chemical analysis will be packaged in sample coolers on "wet ice" for delivery to the analytical laboratory. All samples will be logged into the laboratory information management system (LIMS) immediately. The laboratory courier will assume custody of the samples on-site by signing the field Chain-of-Custody form. For the purposes of contractual analytical holding times, this signature will constitute the verified time of sample receipt (VTSR), however; actual time/date of sampling will be used for data evaluation purposes.

STANDARD OPERATING PROCEDURE

SOP No.: SAM-0205
Revision No.: 1
Date Revised: 8/9/99

CATEGORY: Sample Handling
TITLE: Monitor Well Sampling for IRP Sites at Fort Monmouth

1 PURPOSE:

To document current procedures for monitoring well sampling.

2 RESPONSIBILITY:

Designated field samplers who have been properly trained and instructed in NJDEP field sampling procedures and protocol.

3 REFERENCES:

3.1 Field Sampling Procedures Manual, May 1992 (most current). New Jersey Department of Environmental Protection and Energy.

3.2 Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities developed by NIOSH, OSHA, USCG, EPA. Oct. 1985

3.3 NJDEP Field Analysis Manual, July 1994.

3.4 On the World Wide Web: www.state.nj.us/dep or www.state.nj.us/dep/srp.

3.5 Lab SOP: SAM-0200, SAM-0202, OQC-0302

4 SUMMARY:

The procedures, materials, and equipment describe the recommended methods for sampling monitoring wells. Necessary equipment, calibrations, calculations and appropriate QA/QC procedures are also included. These procedures are to be followed by all personnel involved with the sampling and purging of wells at Fort Monmouth. Persons following this SOP are recommended to also refer to the NJDEP Field Sampling Procedures Manual.

Prepared By L. Wright Date 8-11-99

Approved By Jackie Hamer Date 8/11/99
QA Manager / Laboratory Director

5 EQUIPMENT AND MATERIALS:

5.1 Equipment

5.1.1 Dissolved oxygen meter
5.1.2 HNU photo ionizer
5.1.3 Conductivity/pH/temp meter
5.1.4 Peristaltic well pumps
5.1.5 Pump heads and power cables
5.1.6 Water level meter
5.1.7 Oil/water interface probe
5.1.8 Submersible well pumps
5.1.9 Various batteries
5.1.10 Buckets
5.1.11 Miscellaneous tools, i.e. screwdriver, well wrench, etc.

5.2 Materials:

5.2.1 Thick wall silicone tubing ¼ inch diameter,
5.2.2 Polyethylene (food grade) tubing ¼ inch diameter,
5.2.3 12 inch single sample 1 check stop teflon disposable bailers,
5.2.4 Mason string.

6 STANDARDS/REAGENTS:

6.1 Buffer solutions, calibration gases, decontamination materials, and acids for preservation.

6.1.1 Buffer solutions:

6.1.1.1 7.00 standard buffer solution
6.1.1.2 10.00 standard buffer solution
6.1.1.3 4.00 standard buffer solution
6.1.1.4 Distilled and deionized water
6.1.1.5 Alconox
6.1.1.6 10 % nitric acid rinse (trace metal or higher grade HNO3 diluted with distilled/deionized (ATSM Type II) H2O)
6.1.1.7 Acetone (pesticide grade)
6.1.1.8 Pure nitrogen 100 ppm Isobutylene cal gas.

6.1.2 Acids/materials used in preserving samples:

6.1.2.1 Nitric acid 69, 0-70.0%
6.1.2.2 Sulfuric acid 50% (w/w) solution
6.1.2.3 Hydrochloric acid (trace metal grade)
6.1.2.4 Ice for keeping samples at <4 degrees celcius.

Refer to NJDEP Field Sampling Procedure Manual Table 2-1 Aqueous Sampling Equipment Decontamination (Lab and Field).

7 CALIBRATION:

All instruments used for field readings are calibrated before each day of use. The use of pH meters must start out with a calibration using buffer solution standards to check or calibrate accuracy. HNU's are calibrated with a known calibration gas. Dissolved oxygen meters are checked against a winkler method test weekly. All calibrations for a given day's use are recorded in the log provided for each instrument. Refer to equipment directions for calibration instruction. Likewise, specific conductivity meters are checked against standards regularly. Cooler thermometers are calibrated against an NIST traceable thermometer annually.

8 PROCEDURE:

The following articles document the procedures for sampling monitor wells. They are to be used as a guide, by trained personnel, in conjunction with the NJDEP Field Sampling Procedures Manual.

8.1.1 Preparation: It should be noted that before going out into the field, certain preparations must be made. This includes the selection of PPE, safety plans, proper bottle acquisition for analytes being tested, site entry, map information, and equipment.

8.1.2 Selection of PPE: For adequate protection and prevention of contaminant exposure to workers at hazardous waste sites in all phases of work, PPE is properly used and supplied. Determination of PPE will be outlined in a Health and Safety Plan, and also by preliminary site investigations. Refer to NJDEP Field Sampling Procedures Manual, and the Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities.

8.1.3 Health and Safety Plans: These plans are developed to encompass all the aspects of site operations. Plans are available to personnel associated with site sampling and a copy is kept on file at the site (in this case, the laboratory). At a minimum, the plan includes all portions of Site Remediation Program's (SRP) Site Safety and Health Standard Operating Procedures deemed appropriate for site, detailed site description, emergency phone numbers, a map and directions to nearest hospital identified on the map, and all PPE needed.

8.1.4 Proper bottle selection: Please refer to QA/QC section 10.1.

8.1.5 Equipment: Please refer to Equipment section 5.

8.1.6 Before purge activities: Certain instruments and meters are calibrated before use. Also, certain measurements and calculations are obtained before any purge activities take place. The following is a list of information/data/steps required prior to the commencement of purge activities. Pertinent information is recorded in log books or on well sheets.

8.1.7 Date, time and weather conditions: Date and time are needed for holding time purposes and general record keeping. Weather conditions may affect ambient conditions at a particular site, therefore said information is recorded. Tidal influences may also be included here, if wells are in a tidal area.

8.1.8 Well number and permit number: These are prominently displayed on the outside of each well in accordance with NJDEP regulations for well construction.

8.1.9 Meter and instrument calibrations: Meters utilized in the course of site sampling activities are calibrated at this time, and the findings recorded in the appropriate logbook. Refer to section 7 for instrument/meter calibration directions.

8.1.10 PID or FID, HNU reading: This is taken from the well inner casing immediately after the cap is removed, findings are recorded.

8.1.11 Free product check: Using ORS meter for interfaces, the presence or absence of free product is determined. Thickness is measured and recorded.

8.1.11.1 Light Non-Aqueous Phase Liquids (LNAPLs) and Dense Non-Aqueous Phase Liquids (DNAPLs): Measurement of thickness for DNAPLs and LNAPLs are performed prior to well purging. An interface probe is used (ORS meter) for this task. If present, LNAPLs are sampled and analyzed for chemical and physical parameters. Sampling is conducted by using a bottom filling bailer which is lowered into the LNAPL layer. DNAPLs are sampled using a dual check valve bailer. If present, DNAPLs are also tested for chemical and physical properties.

8.1.12 Dissolved oxygen, pH, temperature, and specific conductivity: Readings are obtained and recorded on well sheets.

8.1.13 Total depth of well and depth to water: These readings are taken using a depth meter. Total depth of well, depth to water, and depth to screen are measured from the top of the inner casing or surveyors mark. All data is recorded on well sheet.

8.1.14 Calculations: Calculations are made as stated in section 9.

8.2 Purging: When pre-purge activities are complete, the purging of a well can begin. This includes pre-entry to the well and pump setup.

8.2.1 Pre-entry to well: Before tubing (refer to materials section) is inserted into a well, it is wiped down and rinsed with DI water. The tubing is then inserted into the well to a maximum depth of six feet below the water table. During purge activities, the depth of the tubing may be adjusted to prevent the static water level from dropping below the end of the tubing.

8.2.2 Pump setup: Once the battery powered peristaltic pump is set up, purging can begin. Evacuation rates never exceed that of well development, and total volume purged never exceeds 5 times the amount of standing water. Purge water management practices are described in section 10.1.8.

8.3 After Purge: When purging is complete, the pump is removed and tubing is disposed of properly. Data referenced in section 8.3.2 is then taken and recorded.

8.3.1 Pump removal: Tubing is removed from the bottom end while the pump is still running. Tubing is then disposed of. The pump is shut down and decontaminated for its next application.

8.3.2 The following data is recorded on the well sheet: Start and end time of purge, purge method, purge rate, total volume purged, dissolved oxygen, pH, temperature, and specific conductivity readings.

8.4 Field Blank Sample: At this time the field blank sample is collected. A new bailer is opened from its sealed package and field blank water is run over the bailer or sample equipment and collected into the proper sample containers.

8.5 Ground water sampling: Following well evacuation procedures, ground water sampling can begin. In most cases, sampling takes place immediately following purge activities. However, due to certain field conditions, well sampling may be postponed for a period not to exceed 2 hours following completion of purge activities. When multiple wells are being sampled, the least contaminated well is sampled first. Subsequent wells are sampled in order of ascending contamination. Sampling is conducted by using a bottom filling teflon bailer, dedicated to each particular monitoring well. The bailer is lowered slowly into water column until submerged, and then slowly retrieved. The sample is then carefully transferred to the appropriate sample containers. Ground water collected in the first bailing sequence is always used for sampling purposes, it is never discarded.

8.6 Sample order: Samples are collected in the following order:

- 8.6.1 volatile organics (VOA)
- 8.6.2 purgeable organic carbons (POC)
- 8.6.3 purgeable organic halogens (POX)
- 8.6.4 total organic halogens (TOX)
- 8.6.5 total organic carbon (TOC)
- 8.6.6 base neutrals/acid extractables
- 8.6.7 TPHC/oil and grease
- 8.6.8 PCB's/pesticides
- 8.6.9 total metals
- 8.6.10 dissolved metals
- 8.6.11 phenols, cyanide
- 8.6.12 sulfate and chloride
- 8.6.13 turbidity
- 8.6.14 nitrate and ammonia,
- 8.6.15 preserved inorganics
- 8.6.16 radionuclides
- 8.6.17 non-preserved inorganics
- 8.6.18 bacteria

8.7 Dupes and matrix spikes/matrix spike duplicates: These samples are taken in same order at same time. Refer to section 10.2.1.2.

8.8 After sampling: The following data is recorded on well sheets: Start and end time of sampling, dissolved oxygen, pH, temperature, specific conductivity, and sampling method.

9 CALCULATIONS:

Four calculations are made while in the field. The calculations are as follows: linear feet of water (height of water), the volume to be purged, the volume purged not to be exceeded, and purge rate.

9.1 Linear feet of water: This is calculated by knowing the total depth of a well and subtracting the depth to water as measured by a depth meter. These two numbers are measured to within .01 feet. Through this calculation, the linear feet of water is determined.

Equation: (Total well depth – Depth to water = linear feet of water)

9.2 Volume to be purged and volume not to be exceeded: The second calculation is to determine the minimum volume to be purged from a well before sampling. Utilizing the linear feet of water and then multiplying it by the volume per foot for the proper diameter casing (see Figure 1 below) equals the amount of water in casing. Multiplying the amount of water within a casing by 3 equals the minimum volume to be purged. It should be noted that the amount purged should not exceed 5x the amount of standing water in a well.

Equation:
linear feet of water x volume per ft for well diameter = amount of water in casing)
then,
(amount of water in casing x 3 = minimum volume to be purged)

Equation:
(amount of water in casing x 5 = total volume not to be exceeded)

Figure 1: Capacity of Common Casing Diameters
(Pp. 170 in NJDEP FSPM)

Casing Diameter (ft.)	Gallons/linear foot
2 inch (0.1667)	0.1632
4 inch (0.3333)	0.6528
6 inch (0.5000)	1.4688
8 inch (0.6667)	2.6112
10 inch (0.8333)	4.0800
12 inch (1.0000)	5.8752

9.3 Purge rate: The purge rate is determined by calculating the length of time it takes for a pump to fill a 1 gallon bucket with water. The time is then multiplied by the minimum volume to be purged. The gallons being purged is then divided by this number (which also happens to be the length of time the purge will take in minutes) which equals the gallons per minute or purge rate.

Equation:
(time x minimum volume to be purged = length of purge in minutes)
then,
(minimum volume to be purged / length of purge in minutes = gallons per minute or the purge rate)

10 QUALITY CONTROL:

The following QA/QC requirements are established in order to maintain sample integrity. The prime objective is to prevent sample contamination from other sources and ensure potential contaminant concentrations remain stable from sample collection to complete analysis. Refer to the NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology Reference Charts, Pp. 24-74. Also refer to SAM-0200 Sample Containers, Preservation and Holding Times.

10.1 Sample Containers: Before sample collection can begin consideration must be given as to what type container will be used to transport and store samples. The lab provides containers based upon requested methodologies. Selection is based on the matrix, potential contaminants, analytical methods, and the laboratory's internal QA/QC requirements. They are selected upon review of the following:

10.1.1 Reactivity of container material with sample. Glass is recommended for hazardous material samples since it is chemically inert to most substances. Plastics may be used when analytes of interest or sample characteristics dictate use instead of glass.

10.1.2 Volume of the container. The volume of sample needed is dictated by the analytical method and the sample matrix. The laboratory supplies bottles that allow for sufficient volumes of sample matrix to be collected.

10.1.3 Color of container. Whenever possible, amber glass is used to prevent photodegradation. If not available, samples are protected from light. One exception is the use of 40 ml clear glass vials which are used for VOA/aqueous analysis.

10.1.4 Container closures. All containers utilized have a leak-proof seal and are constructed out of inert material with respect to sampled materials. The closure may also be separated by a closure liner that is inert to sample material.

10.1.5 Decontamination of containers and chain of custody. Sample containers are laboratory cleaned or purchased as lab cleaned. Bottles being shipped are accompanied by a chain of custody in a cooler with a custody seal. Custody always accompanies containers to the field, during collection, back to lab, and during analysis. This helps to assure no tampering or contamination from outside sources occurs.

10.1.6 Storage and transport. Care is taken to avoid contamination. Clean transport and storage environments are observed. Sample or bottle storage is never near solvents, gasoline, or other equipment that is a potential source of contamination. Samples and chain of custody are secured in coolers or transport, with said chain of custody in with bottles or in the possession of authorized personnel. Also, a temperature blank is included in each cooler to measure temperature of samples on ice (ideally a constant 4 degrees Celsius).

10.1.7 Tubing decontamination: ASTM drinking water grade polyethylene tubing is used and discarded after each use. Care is taken to prevent the pump and tubing from coming into contact with the ground surface. Prior to well purging, all tubing is rinsed/wiped with distilled and deionized water to remove any possible residual materials which may be present.

10.1.8 Disposal of development, purge, pump test, and decon waters: To determine whether waste waters are contaminated, field instrument readings and previous analytical data is used to characterize it. Water not considered contaminated is re-applied directly to ground surface and permitted to percolate back to the water table. Care is taken to avoid nuisance situations where a discharge may cause undue concern. When water is considered contaminated, the water generated is reapplied only if the following conditions are met: ground water is not permitted to migrate offsite, no potential exists for contaminating a previously uncontaminated aquifer, discharge will not cause an increase to ground surface soil contamination. If these conditions are met, the water is re-applied to the ground surface. If these conditions aren't met, than water

is collected, containerized and secured in a single locale. Subsequently, the water is properly characterized and processed for offsite disposal.

10.2 QA/QC samples: These samples are intended to provide control over the collection of environmental measurements and subsequent validation, review, and interpretation of analytical data. Trip blanks are used exclusively for volatile organic analysis, (aqueous sampling only) and their purpose is to measure possible cross contamination of samples during shipment to and from a site. Trip blanks are never opened and travel to a site with the empty sample bottles and back from a site with the collected samples. Contaminated trip blanks may indicate bottle cleaning or blank water of questionable quality. Trip blanks are collected at the rate of one per day. Likewise, the purpose of a field blank is to place a mechanism of control on sample equipment handling, preparation, storage and shipment. Field blanks travel and are stored with the sample bottles. Field blanks are collected in the following manner. Two identical sets of bottles are prepared. One set is filled with laboratory demonstrated analyte free water (same water used for trip and method blanks). All of the filled bottles are shipped with the other empty sample containers. At the field location, in an area where contamination is suspected, the water is passed from the full set of like-bottles through the dedicated or field decontaminated sampling device and into the empty set of like-bottles. Field blanks are preserved identically to samples receiving the same analyses. Field blanks are collected and analyzed for all of the same parameters as the samples collected that day.

10.2.1 Additional QA/QC samples:

10.2.1.1 Duplicate samples: Collection of a dupe provides for evaluation of laboratory performance by comparing the analytical data of two samples from the same location. They are included 1 for every 20 samples (5% or 1 a day/site) and submitted as blind samples. They are obtained by alternately filling sample bottles from the same source/device for each parameter. VOA samples are same bailer and first set filled.

10.2.1.2 Matrix spike/Matrix spike duplicate analyses or MS/MSDS sample: The laboratory is supplied with triple volume in order to perform matrix spike and matrix spike dupes. This does not include trips or field blanks. Additional sample volume for MS/MSDS is taken within every set of 20 field samples.

10.3 Sample preservation: Sample bottles are preserved by lab staff based upon analytical requirements. Please refer to SAM-0200 Sample Containers, Preservation, and Holding Times SOP and also NJDEP Field Sampling Procedures Manual Appendix 2-1 Analytical Methodology reference Charts, Pp. 24-74.

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT: DERA/ Long Term Monitoring
Low Flow

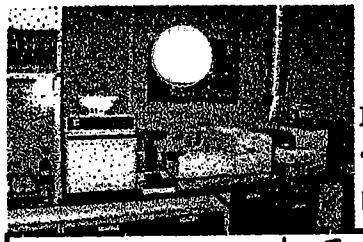
SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5069.02	00M2MW06	29-39184	01/05/00
5069.03	Dup.	-	01/05/00
5073.01	00M2MW09	29-39181	01/06/00

NJDEP Laboratory Certification # 13461

1-10-00
Daniel Wright/Date
Laboratory Director



Fort Monmouth Enviro mental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #:
( )DERA ( )OMA (X)Other:_____
Project No:
Location: M-2 Landfill
MW06 Low Flow
Sampler's Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's	TAL MTLS					Hrs Rec'd Unfil	Hrs Rec'd Cap	Comments: Remarks / Preservation Method
														HNO_3 / 4°C
5069.01	Field Blank	1/5/00	0940	AQ	2	✓	✓					—	—	
" .02	* DOM2MW06	↓	1044	↓	2	✓	✓					0.0	0.0	29 - 39134
" .03	Dupe	↓	—	↓	2	✓	✓					—	—	

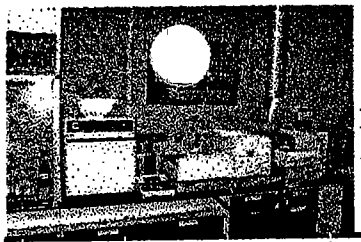
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1/5/00	Rachel Tarmes			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, (X)ASAP Verbal ___ Hrs.

Remarks:
Tide: H → O

print legibly

Coc.xls12/6/99



Fort Monmouth Enviro mental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #:
( )DERA ( )OMA ( )Other:_____
Project No:
Location: M2 MW09 Low Flow
Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's	TAL MTLS				HNO3	HNO3 cap		Comments: Remarks / Preservation Method
						Analysis Parameters								HNO3/<4°C
5073 .01	00M2 MW09	1/6/00	1427	AQ	2	✓	✓				0.0	0.0		29-39181

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1/6/00 1515	L. DeRosetta			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: LOW Shows FB / Dup from MB MW24 Low flow some dry

print legibly

Coc.xls12/13/99

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-2
MW#: 00M2MW06
NJDEP ID #: 29-39184
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/05/00
WEATHER: Sunny, cold, and windy
TIDE: High-Outgoing.

Hnu Calibration: Span 5.86 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:147.0 µ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 9.06 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 8.55 ft
Before Purge Start: 8.55' **Previous Day: 8.57'** **After Sampling: 8.84'**
DEPTH OF WELL: 18.50 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 9.95 ft
(9.95) X .163 X 3 = 4.865
GALLONS OF H2O TO BE PURGED: 5.0 Gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALIC
Purged at 300 mL/Min or 0.07926 Gal/Min
PURGE RATE: gpm
Hnu READING: 0.0 ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

PURGE START TIME: 09:48
pH 6.90 su
DISSOLVED O2 0.85 mg/L
TEMP 12.0 °C
SPECIFIC CONDUCTIVITY 312.9 ms/cm

PURGE END TIME: 10:40
pH 6.95 su
DISSOLVED O2 0.04 mg/L
TEMP 12.39 °C
SPECIFIC CONDUCTIVITY 342.0 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 8.84 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)

SAMPLE START TIME: 10:44
pH 6.95 su
DISSOLVED O_2 0.04 mg/L
TEMP 12.39 °C
SPECIFIC CONDUCTIVITY 342.0 ms/cm

SAMPLE END TIME: 10:52

COMMENTS: Stream cloudy. Dup here. Condition of well is OK.

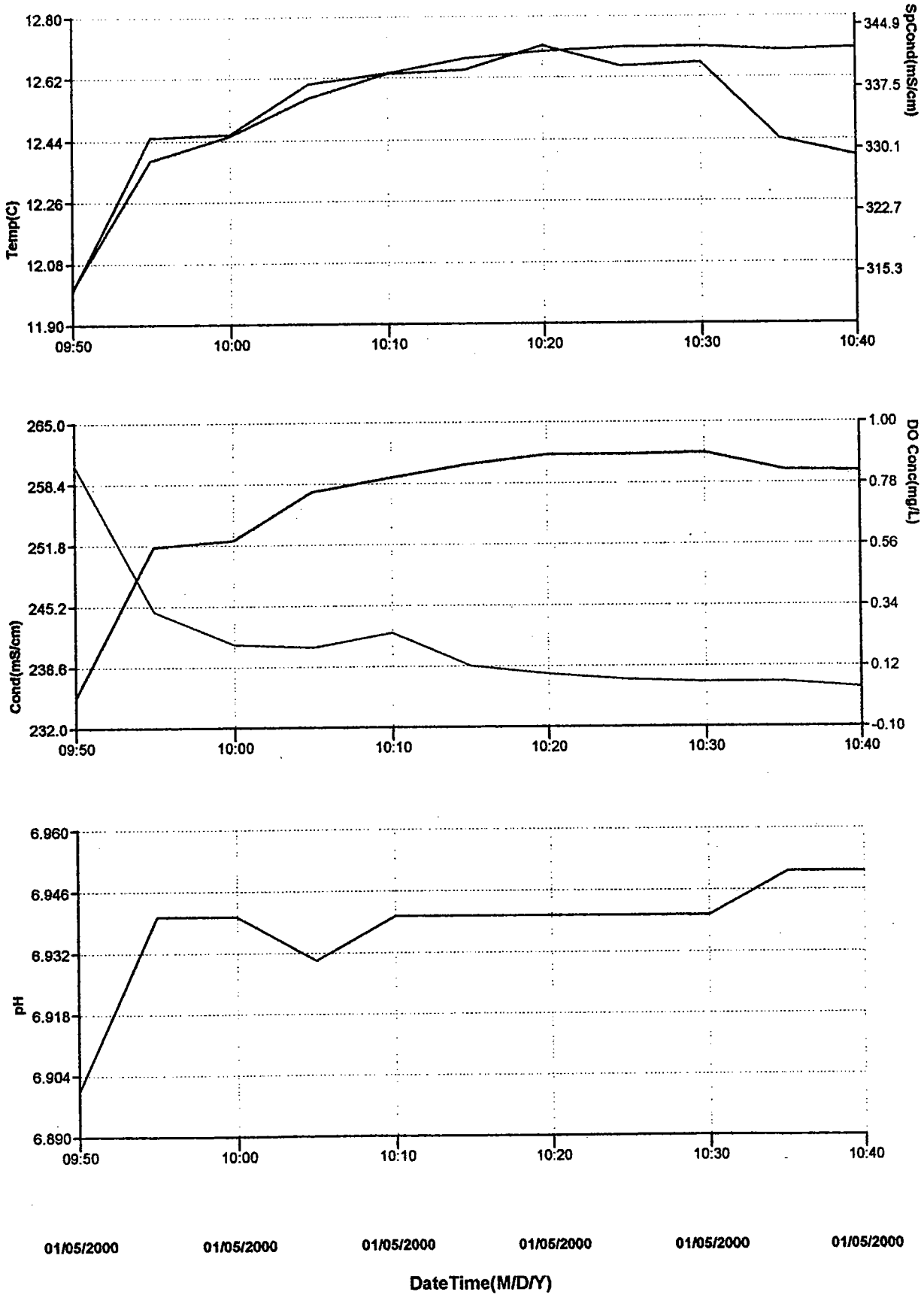
M2 MW06 Low Flow Sample Data

Time	pH (su)	Temp (celcius)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Depth to Water (feet)
							8.57 (01/04/00)
							8.55 (before purge)
950	6.9	12	0.85	235.2	312.9	4.32	8.81
955	6.94	12.38	0.32	251.6	331.5	4.07	8.81
1000	6.94	12.45	0.2	252.3	331.8	5.14	8.82
1005	6.93	12.56	0.19	257.5	337.8	5.38	8.83
1010	6.94	12.63	0.24	259	339.1	4.84	8.83
1015	6.94	12.64	0.12	260.4	340.8	3.75	8.83
1020	6.94	12.71	0.09	261.4	341.6	3.38	8.83
1025	6.94	12.65	0.07	261.4	342.1	3.34	8.83
1030	6.94	12.66	0.06	261.6	342.2	2.56	8.83
1035	6.95	12.44	0.06	259.7	341.7	2.1	8.83
1040	6.95	12.39	0.04	259.6	342	2.1	8.83
							8.84 (after sample)

M2 MW06 Low Flow Data

	DateTime	Temp	SpCond	Cond	DO Conc	pH
	M/D/Y	C	mS/cm	mS/cm	mg/L	
0	01/05/2000 09:50:00	12.00	312.900	235.200	0.85	6.90
1	01/05/2000 09:55:00	12.38	331.500	251.600	0.32	6.94
2	01/05/2000 10:00:00	12.45	331.800	252.300	0.20	6.94
3	01/05/2000 10:05:00	12.56	337.800	257.500	0.19	6.93
4	01/05/2000 10:10:00	12.63	339.100	259.000	0.24	6.94
5	01/05/2000 10:15:00	12.64	340.800	260.400	0.12	6.94
6	01/05/2000 10:20:00	12.71	341.600	261.400	0.09	6.94
7	01/05/2000 10:25:00	12.65	342.100	261.400	0.07	6.94
8	01/05/2000 10:30:00	12.66	342.200	261.600	0.06	6.94
9	01/05/2000 10:35:00	12.44	341.700	259.700	0.06	6.95
10	01/05/2000 10:40:00	12.39	342.000	259.600	0.04	6.95

M2 MW06 Low Flow Data



U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-2
MW#: 00M2MW09
NJDEP ID #: 29-39181
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/06/00
WEATHER: Sunny, cold, light clouds
TIDE: Low.

Hnu Calibration: Span 5.36 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:147.0 µ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 8.04 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 10.54 ft
Before Purge Start: 10.54' Previous Day: 10.59' After Sampling: 18.29'
DEPTH OF WELL: 21.50 ft
DEPTH TO TOP OF SCREEN: 5.00 ft
HEIGHT OF WATER: 10.96 ft
(10.96) X .163 X 3 = 5.359
GALLONS OF H2O TO BE PURGED: 5.0 Gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALIC
Purged at 275 mL/Min or 0.072655 Gal/Min
PURGE RATE: gpm
Hnu READING: 0.0 ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

PURGE START TIME: 13:05
pH 7.03 su
DISSOLVED O_2 0.04 mg/L
TEMP 13.9 °C
SPECIFIC CONDUCTIVITY 345.1 ms/cm

PURGE END TIME: 14:24
pH 7.15 su
DISSOLVED O_2 0.05 mg/L
TEMP 12.79 °C
SPECIFIC CONDUCTIVITY 339.9 ms/cm

DEPTH TO H2O AFTER PURGE AND SAMPLING: 18.29 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)

SAMPLE START TIME: 14:25
pH 7.15 su
DISSOLVED O_2 0.05 mg/L
TEMP 12.79 °C
SPECIFIC CONDUCTIVITY 339.9 ms/cm

SAMPLE END TIME: 14:28

COMMENTS: Stream cloudy. Condition of well is OK.

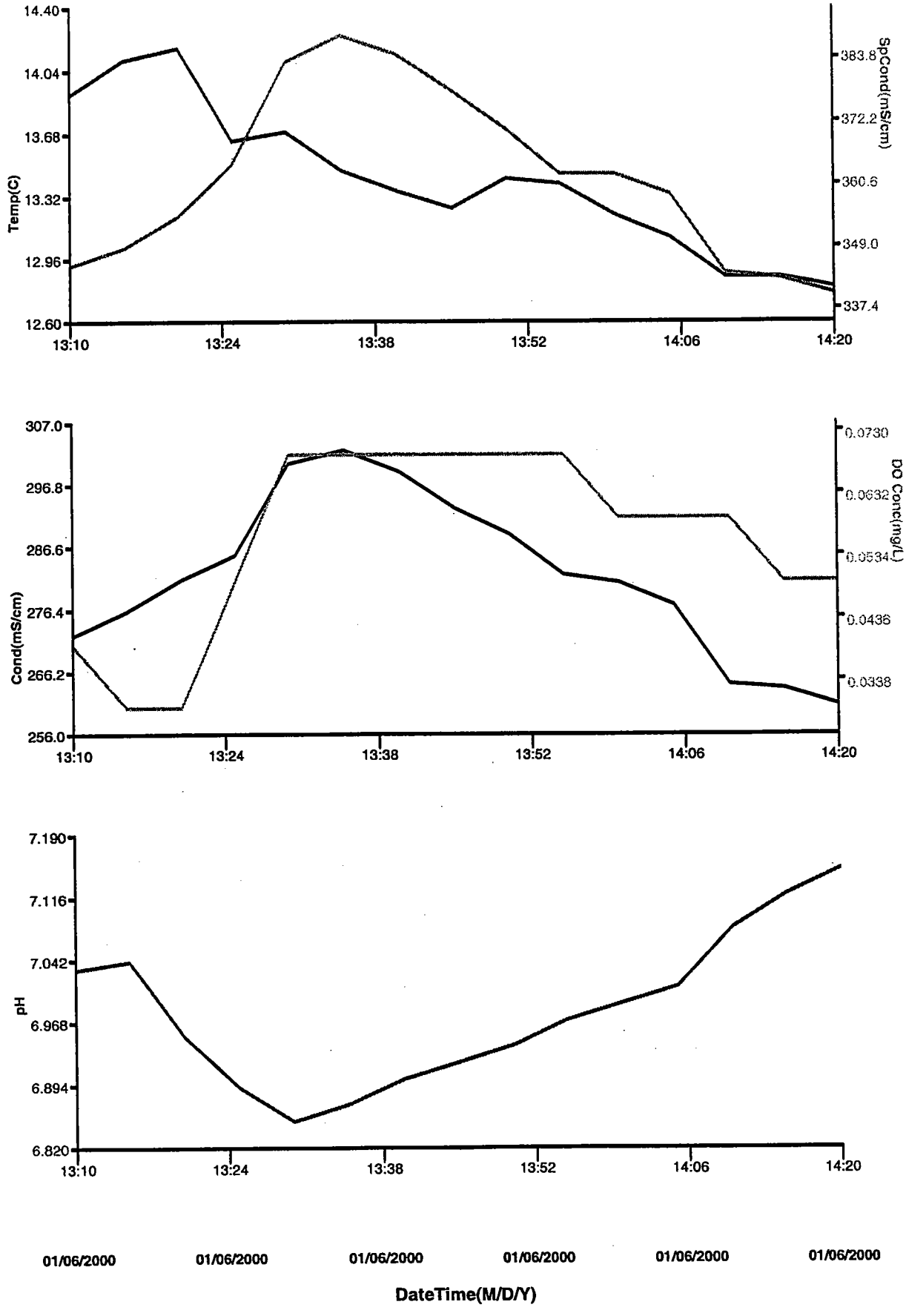
M2 MW09 Low Flow Sample Data

Time	pH (su)	Temp (celcius)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Depth to Water (feet)
							10.59 (01/05/00)
							10.54 (before purge)
1310	7.03	13.9	0.04	272	345.1	6.73	11.81
1315	7.04	14.1	0.03	276	348.5	19.1	13.45
1320	6.95	14.17	0.03	281.2	354.5	9.99	15.21
1325	6.89	13.64	0.05	285.2	364.2	9.99	16.17
1330	6.85	13.69	0.07	300.3	383	9.99	16.47
1335	6.87	13.47	0.07	302.5	387.9	9.99	16.71
1340	6.9	13.35	0.07	298.9	384.4	9.99	16.91
1345	6.92	13.25	0.07	292.9	377.7	7.52	17.14
1350	6.94	13.42	0.07	288.6	370.6	5.51	17.41
1355	6.97	13.39	0.07	282	362.3	5.09	17.61
1400	6.99	13.21	0.06	280.7	362.3	4.55	17.86
1405	7.01	13.08	0.06	277	358.6	3.62	18.09
1410	7.08	12.85	0.06	264	343.8	2.63	18.25
1415	7.12	12.85	0.05	263.3	342.8	3.01	18.29
1420	7.15	12.79	0.05	260.6	339.9	3.17	18.29
							18.29 (after sample)

M2 MW09 Low Flow Data

	DateTime	Temp	SpCond	Cond	DO Conc	pH
	M/D/Y	C	mS/cm	mS/cm	mg/L	
0	01/06/2000 13:10:00	13.90	345.100	272.000	0.04	7.03
1	01/06/2000 13:15:00	14.10	348.500	276.000	0.03	7.04
2	01/06/2000 13:20:00	14.17	354.500	281.200	0.03	6.95
3	01/06/2000 13:25:00	13.64	364.200	285.200	0.05	6.89
4	01/06/2000 13:30:00	13.69	383.000	300.300	0.07	6.85
5	01/06/2000 13:35:00	13.47	387.900	302.500	0.07	6.87
6	01/06/2000 13:40:00	13.35	384.400	298.900	0.07	6.90
7	01/06/2000 13:45:00	13.25	377.700	292.900	0.07	6.92
8	01/06/2000 13:50:00	13.42	370.600	288.600	0.07	6.94
9	01/06/2000 13:55:00	13.39	362.300	282.000	0.07	6.97
10	01/06/2000 14:00:00	13.21	362.300	280.700	0.06	6.99
11	01/06/2000 14:05:00	13.08	358.600	277.000	0.06	7.01
12	01/06/2000 14:10:00	12.85	343.800	264.000	0.06	7.08
13	01/06/2000 14:15:00	12.85	342.800	263.300	0.05	7.12
14	01/06/2000 14:20:00	12.79	339.900	260.600	0.05	7.15

M2 MW09 Low Flow Data



PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client:	U.S. Army	**Lab. ID # :**	BLK450
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/7/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/7/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5069.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/7/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/7/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		MW06 Low Flow
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5069.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/7/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/7/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		MW06 Low Flow
Analyst:	D. Wright	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5069.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/5/99
	Bldg. 173	**Extraction Date:**	1/7/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/7/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		MW06 Low Flow
Analyst:	D. Wright	**Field ID:**	Dup
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5073.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/6/99
	Bldg. 173	**Extraction Date:**	1/7/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/7/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		Low Flow
Analyst:	D. Wright	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Metals

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5069
Sample Prepared: 01/07/00

Site: M-2

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/07/00	ND	200	10.0
Antimony	01/07/00	3.00	20	2.0
Arsenic	01/07/00	ND	8	2.0
Barium	01/07/00	ND	2000	0.5
Beryllium	01/07/00	ND	20	0.5
Cadmium	01/07/00	ND	4	0.5
Calcium	01/07/00	ND	NLE	20.0
Chromium	01/07/00	ND	100	0.5
Cobalt	01/07/00	ND	NLE	0.5
Copper	01/07/00	155	1000	3.0
Iron	01/07/00	ND	300	10.0
Lead	01/07/00	ND	10	2.0
Magnesium	01/07/00	ND	NLE	20.0
Manganese	01/07/00	ND	50	0.5
Mercury	01/07/00	ND	2	0.1
Nickel	01/07/00	1.20	100	0.5
Potassium	01/07/00	225	NLE	20.0
Selenium	01/07/00	ND	50	3.0
Silver	01/07/00	ND	20	3.0
Sodium	01/07/00	85.0	50000	20.0
Thallium	01/07/00	ND	10	3.0
Vanadium	01/07/00	ND	NLE	1.0
Zinc	01/07/00	4.00	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5069.01
Sample Received: 01/05/00
Sample Matrix: Aq

Site: M-2

Sample Location: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/07/00	ND	200	10.0
Antimony	01/07/00	ND	20	2.0
Arsenic	01/07/00	ND	8	2.0
Barium	01/07/00	ND	2000	0.5
Beryllium	01/07/00	ND	20	0.5
Cadmium	01/07/00	ND	4	0.5
Calcium	01/07/00	ND	NLE	20.0
Chromium	01/07/00	ND	100	0.5
Cobalt	01/07/00	ND	NLE	0.5
Copper	01/07/00	8.68	1000	3.0
Iron	01/07/00	ND	300	10.0
Lead	01/07/00	ND	10	2.0
Magnesium	01/07/00	ND	NLE	20.0
Manganese	01/07/00	ND	50	0.5
Mercury	01/07/00	0.22	2	0.1
Nickel	01/07/00	ND	100	0.5
Potassium	01/07/00	468	NLE	20.0
Selenium	01/07/00	ND	50	3.0
Silver	01/07/00	ND	20	3.0
Sodium	01/07/00	ND	50000	20.0
Thallium	01/07/00	ND	10	3.0
Vanadium	01/07/00	ND	NLE	1.0
Zinc	01/07/00	11.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5069.02
Sample Received: 01/05/00
Sample Matrix: Aq

Site: M-2

Sample Location: 00M2MW06

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/07/00	43.0	200	10.0
Antimony	01/07/00	6.00	20	2.0
Arsenic	01/07/00	ND	8	2.0
Barium	01/07/00	58.7	2000	0.5
Beryllium	01/07/00	ND	20	0.5
Cadmium	01/07/00	ND	4	0.5
Calcium	01/07/00	39600	NLE	20.0
Chromium	01/07/00	2.60	100	0.5
Cobalt	01/07/00	ND	NLE	0.5
Copper	01/07/00	314	1000	3.0
Iron	01/07/00	10400	300	10.0
Lead	01/07/00	ND	10	2.0
Magnesium	01/07/00	4750	NLE	20.0
Manganese	01/07/00	50.7	50	0.5
Mercury	01/07/00	0.14	2	0.1
Nickel	01/07/00	1.60	100	0.5
Potassium	01/07/00	6990	NLE	20.0
Selenium	01/07/00	ND	50	3.0
Silver	01/07/00	ND	20	3.0
Sodium	01/07/00	9060	50000	20.0
Thallium	01/07/00	ND	10	3.0
Vanadium	01/07/00	ND	NLE	1.0
Zinc	01/07/00	32.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5069.03
Sample Received: 01/05/00
Sample Matrix: Aq

Site: M-2

Sample Location: Dupe

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/07/00	ND	200	10.0
Antimony	01/07/00	3.00	20	2.0
Arsenic	01/07/00	ND	8	2.0
Barium	01/07/00	58.7	2000	0.5
Beryllium	01/07/00	ND	20	0.5
Cadmium	01/07/00	ND	4	0.5
Calcium	01/07/00	39700	NLE	20.0
Chromium	01/07/00	2.00	100	0.5
Cobalt	01/07/00	ND	NLE	0.5
Copper	01/07/00	248	1000	3.0
Iron	01/07/00	10500	300	10.0
Lead	01/07/00	ND	10	2.0
Magnesium	01/07/00	4.77	NLE	20.0
Manganese	01/07/00	50.2	50	0.5
Mercury	01/07/00	0.14	2	0.1
Nickel	01/07/00	1.20	100	0.5
Potassium	01/07/00	6200	NLE	20.0
Selenium	01/07/00	ND	50	3.0
Silver	01/07/00	ND	20	3.0
Sodium	01/07/00	8010	50000	20.0
Thallium	01/07/00	ND	10	3.0
Vanadium	01/07/00	ND	NLE	1.0
Zinc	01/07/00	16.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5073.01
Sample Received: 01/06/00
Sample Matrix: Aq

Site: M-2

Sample Location: 00M2MW09

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/07/00	385	200	10.0
Antimony	01/07/00	ND	20	2.0
Arsenic	01/07/00	ND	8	2.0
Barium	01/07/00	56.9	2000	0.5
Beryllium	01/07/00	ND	20	0.5
Cadmium	01/07/00	ND	4	0.5
Calcium	01/07/00	47800	NLE	20.0
Chromium	01/07/00	5.80	100	0.5
Cobalt	01/07/00	ND	NLE	0.5
Copper	01/07/00	99.0	1000	3.0
Iron	01/07/00	6780	300	10.0
Lead	01/07/00	ND	10	2.0
Magnesium	01/07/00	4250	NLE	20.0
Manganese	01/07/00	1070	50	0.5
Mercury	01/07/00	ND	2	0.1
Nickel	01/07/00	2.50	100	0.5
Potassium	01/07/00	5680	NLE	20.0
Selenium	01/07/00	ND	50	3.0
Silver	01/07/00	ND	20	3.0
Sodium	01/07/00	7360	50000	20.0
Thallium	01/07/00	ND	10	3.0
Vanadium	01/07/00	2.00	NLE	1.0
Zinc	01/07/00	27.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring
Low Flow

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

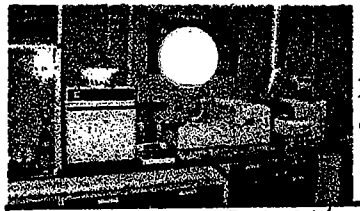
LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5123.01	Field Blank	-	01/27/00
5123.02	00M2MW06	29-39184	01/27/00
5123.03	DUP.	-	01/27/00
5123.04	00M2MW09	29-39181	01/27/00

NJDEP Laboratory Certification # 13461

2-8-00

Daniel Wright/Date
Laboratory Director

SAMPLING



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X21223
(X)DERA ( )OMA ( )Other:

Project No:
Location: M2 Landfill
MW06/MW09 LowFlow

Samplers Name / Company: Corey McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	THLNTIS					Hno3 Rec'd well	Hno3 Rec'd cap	Comments: Remarks / Preservation Method
														HNO_3 / 4°C
5123. .01	Field Blank	1/27/00	0930	AQ	2	✓	✓					—	—	
.02	OOM2MW06		1044		2	✓	✓					0.0	0.0	29-39184
.03	Dupe		—		2	✓	✓					—	—	
.04	OOM2MW09		1230		2	✓	✓					0.0	0.0	29-39181

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	1/27/00 1510				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, (X)Rush 2 Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tides L->I

Shows FB + Dupe w/ M8 LowFlow sampled CPM

print legibly

Coc1/3/00

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-2
MW#: 00M2MW09 (New)
NJDEP ID #: 29-39181
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/27/00
WEATHER: Sunny, cold, clear
TIDE: Low-Incoming.

Hnu Calibration: Span 5.39 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:147.0 μ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: 8.04 ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 6.89 ft
Before Purge Start: 6.89' **Previous Day: 6.91'** **After Sampling: 7.10'**
DEPTH OF WELL: 21.50 ft
DEPTH TO TOP OF SCREEN: 5.00' ft
HEIGHT OF WATER: ft
( ) .163 X 3 =
GALLONS OF H2O TO BE PURGED: Gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALIC
Purged at 275 mL/Min or 0.072655 Gal/Min
PURGE RATE: gpm
Hnu READING: 0.0 ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

PURGE START TIME:
pH 7.02 su
DISSOLVED O_2 mg/L
TEMP 12.76 °C
SPECIFIC CONDUCTIVITY ms/cm

PURGE END TIME:
pH 7.18 su
DISSOLVED O_2 mg/L
TEMP 7.82 °C
SPECIFIC CONDUCTIVITY ms/cm

DEPTH TO H2O AFTER PURGE AND AFTER SAMPLING: 7.10 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)

SAMPLE START TIME: 12:26
pH 7.18 su
DISSOLVED O_2 mg/L
TEMP 7.82 °C
SPECIFIC CONDUCTIVITY ms/cm

SAMPLE END TIME: 12:30

COMMENTS: Well condition good.

U.S. ARMY FORT MONMOUTH
MONITORING WELL SAMPLING DATA

LOCATION: M-2
MW#: 00M2MW06 (New)
NJDEP ID #: 29-39184
NJDEP CERT #: 13461
SAMPLING CONTRACTOR: TVS
SAMPLER: Corey McCormack
DATE: 01/27/00
WEATHER: Sunny, cold, clear
TIDE: Low-Incoming.

Hnu Calibration: Span 5.39 w/ 100 ppm Isobutylene
Sonde Calibration:
pH: 7.00/10.00/4.00 Buffers
Sp Cond/Cond:147.0 µ ohms/cm solution (KCl)
DO: % Humidity 760mm (Barometric Pressure)
Temp.: N/A

LNAPLs: N
DNAPLs N
ELEV. OF INNER CASING SURVEY MARK: N/A ft
INNER CASING DIA.: 2 INCH
DEPTH TO WATER: 9.40 ft
Before Purge Start: 9.40' **Previous Day: 9.42'** **After Sampling: 9.61'**
DEPTH OF WELL: 18.50 ft
DEPTH TO TOP OF SCREEN: 5.00' ft
HEIGHT OF WATER: ft
( ) .163 X 3 =
GALLONS OF H2O TO BE PURGED: Gal
PURGE METHOD: (FLOW OF <0.5 TO >5.0 gpm): PERISTALIC
Purged at 275 mL/Min or 0.072655 Gal/Min
PURGE RATE: gpm
Hnu READING: ppm (Well)
Hnu READING: 0.0 ppm (Well Cap)

PURGE START TIME: 09:40
pH 7.33 su
DISSOLVED O_2 0.24 mg/L
TEMP 11.83 °C
SPECIFIC CONDUCTIVITY 274.1 ms/cm

PURGE END TIME: 10:40
pH 6.90 su
DISSOLVED O_2 0.07 mg/L
TEMP 12.23 °C
SPECIFIC CONDUCTIVITY 234.4 ms/cm

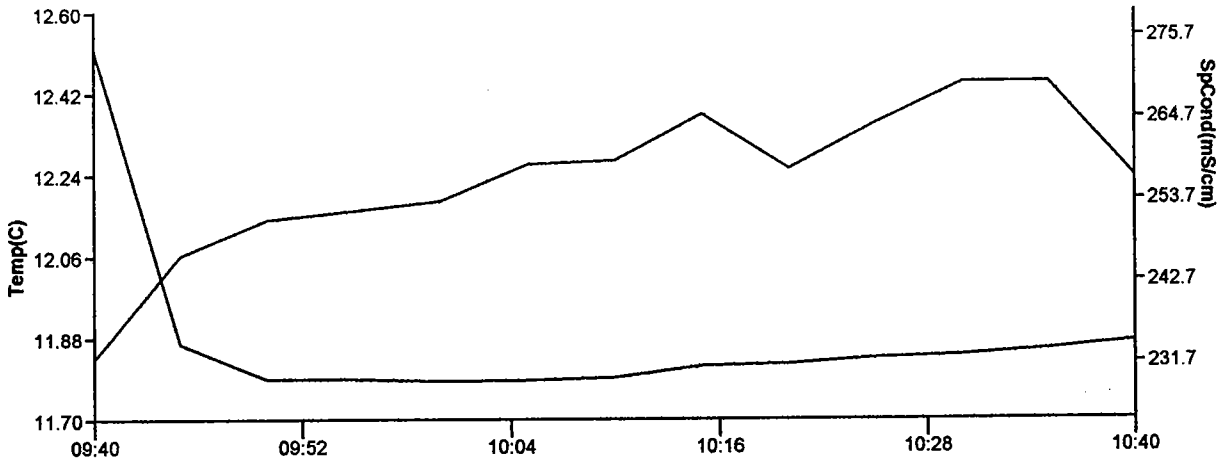
DEPTH TO H2O AFTER PURGE AND AFTER SAMPLING: 9.61 ft
(SAMPLING METHOD: DEDICATED (LAW NJDEP FSPM 1992) TEFLON ® BAILER)

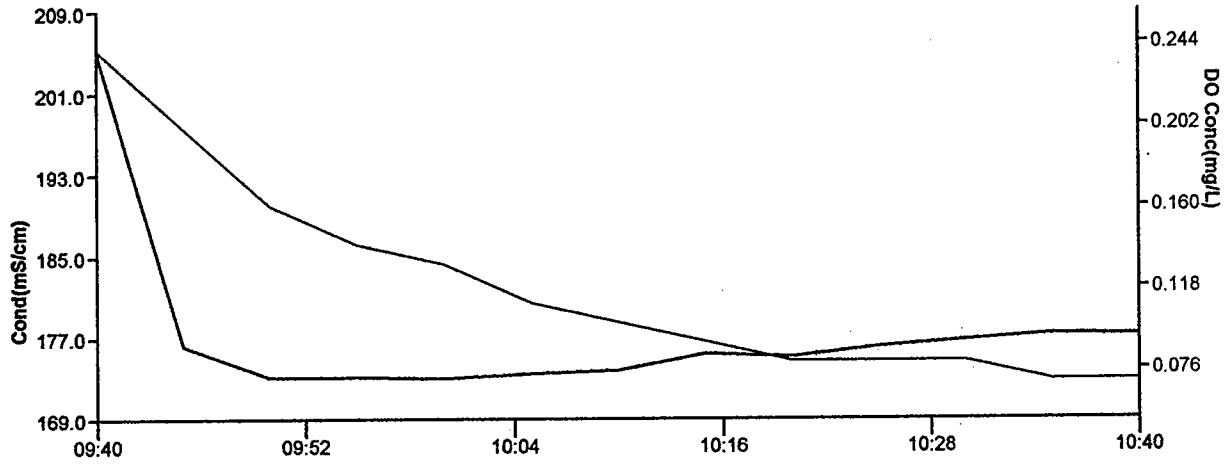
SAMPLE START TIME: 10:41
pH 6.90 su
DISSOLVED O_2 0.07 mg/L
TEMP 12.23 °C
SPECIFIC CONDUCTIVITY 234.4 ms/cm

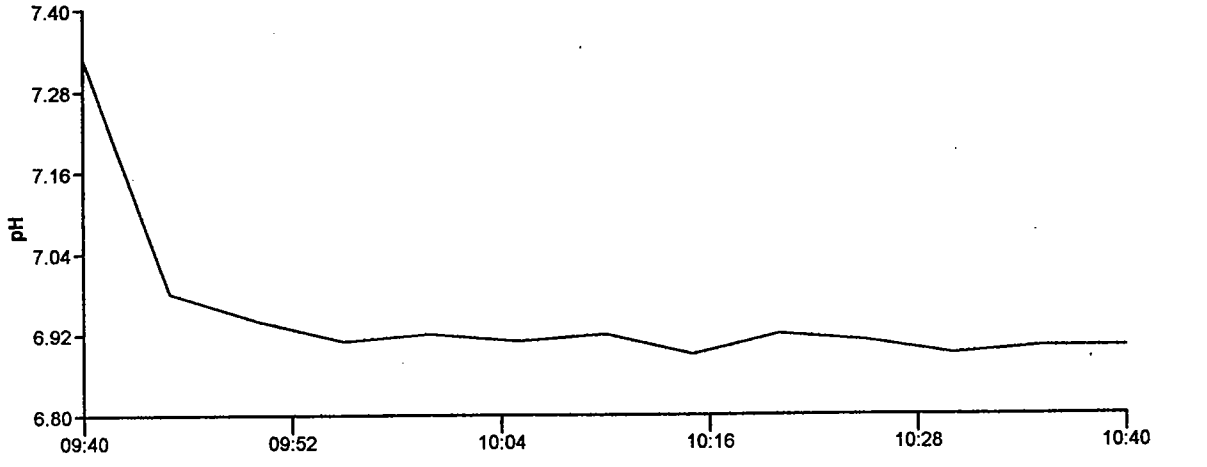
SAMPLE END TIME: 10:45

COMMENTS: Well condition good. Dup. Here.

M2MW06 RND 2


12.60
12.42
12.24
12.06
11.88
11.70
Temp(C)
275.7
264.7
253.7
242.7
231.7
SpCond(mS/cm)
09:40
09:52
10:04
10:16
10:28
10:40


209.0
201.0
193.0
185.0
177.0
169.0
Cond(mS/cm)
0.244
0.202
0.160
0.118
0.076
DO Conc(mg/L)
09:40
09:52
10:04
10:16
10:28
10:40


7.40
7.28
7.16
7.04
6.92
6.80
pH
09:40
09:52
10:04
10:16
10:28
10:40
01/27/2000
01/27/2000
01/27/2000
01/27/2000
01/27/2000
01/27/2000
DateTime(M/D/Y)

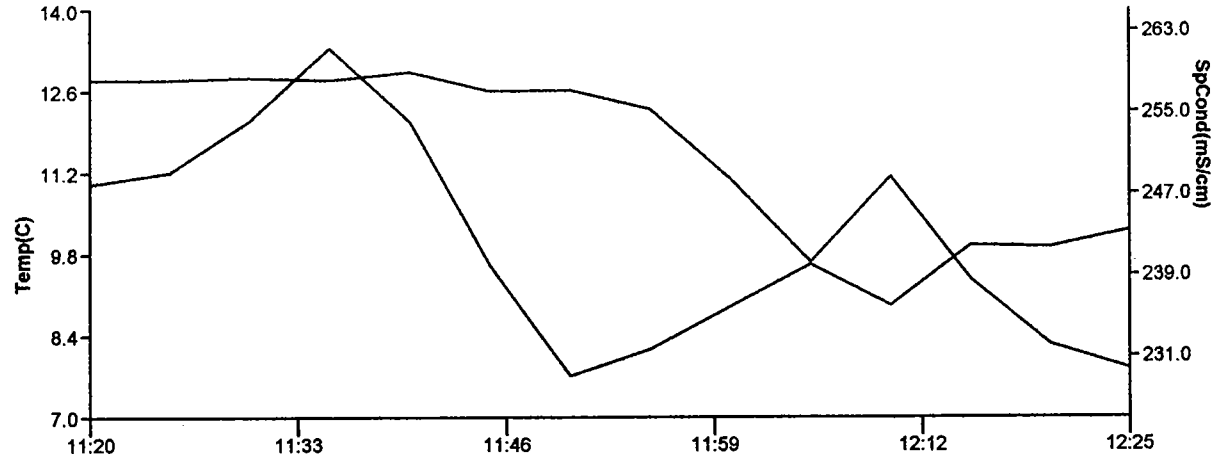
M2MW06 RND 2 DATA

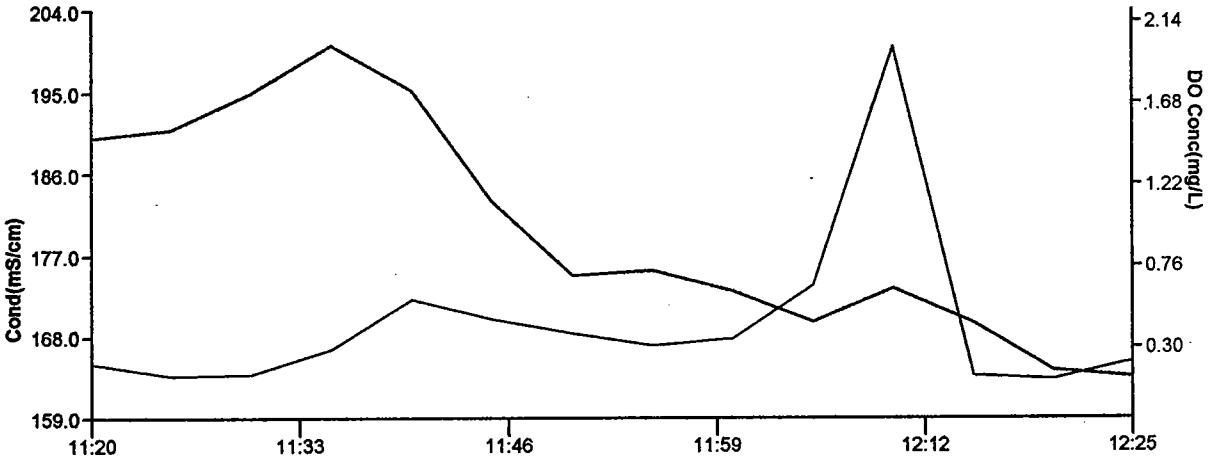
	DateTime	Temp	SpCond	Cond	DO Conc	pH
	M/D/Y	C	mS/cm	mS/cm	mg/L	
0	01/27/2000 09:40:00	11.83	274.100	205.200	0.24	7.33
1	01/27/2000 09:45:00	12.06	234.100	176.200	0.20	6.98
2	01/27/2000 09:50:00	12.14	229.400	173.100	0.16	6.94
3	01/27/2000 09:55:00	12.16	229.400	173.200	0.14	6.91
4	01/27/2000 10:00:00	12.18	229.100	173.000	0.13	6.92
5	01/27/2000 10:05:00	12.26	229.200	173.500	0.11	6.91
6	01/27/2000 10:10:00	12.27	229.600	173.800	0.10	6.92
7	01/27/2000 10:15:00	12.37	231.100	175.400	0.09	6.89
8	01/27/2000 10:20:00	12.25	231.400	175.100	0.08	6.92
9	01/27/2000 10:25:00	12.35	232.200	176.100	0.08	6.91
10	01/27/2000 10:30:00	12.44	232.500	176.700	0.08	6.89
11	01/27/2000 10:35:00	12.44	233.300	177.300	0.07	6.90
12	01/27/2000 10:40:00	12.23	234.400	177.200	0.07	6.90

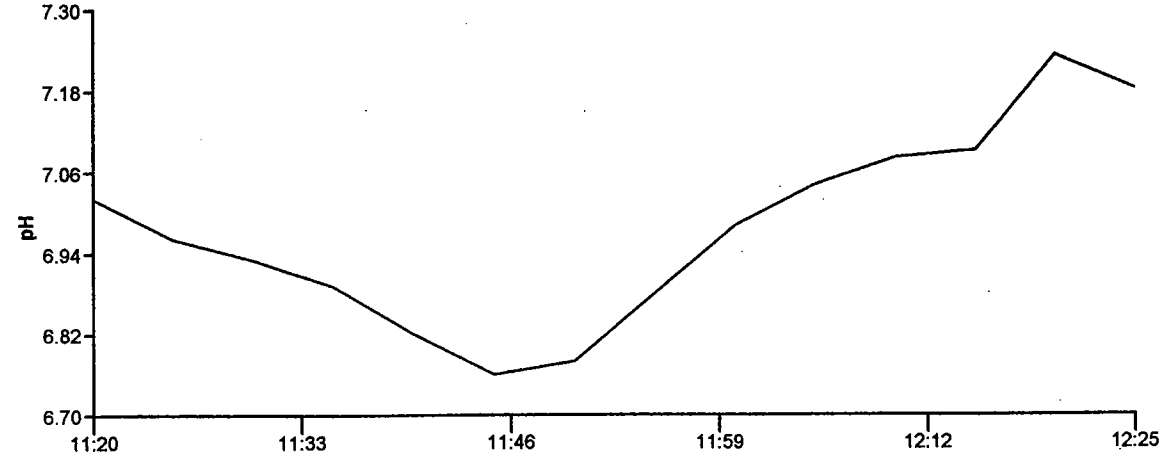
M2 MW06 Low Flow Sample Data Rnd 2

Time	pH (su)	Temp (celcius)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Depth to Water (feet)
							9.42 (01/26/00)
							9.40 (Before purge)
940	7.33	11.83	0.24	205.2	274.1	643	9.42
945	6.98	12.06	0.2	176.2	234.1	75.8	9.45
950	6.94	12.14	0.16	173.1	229.4	81.6	9.49
955	6.91	12.16	0.14	173.2	229.4	49.9	9.51
1000	6.92	12.18	0.13	173	229.1	25.7	9.52
1005	6.91	12.26	0.11	173.5	229.2	25.8	9.53
1010	6.92	12.27	0.1	173.8	229.6	21.2	9.54
1015	6.89	12.37	0.09	175.4	231.1	17	9.55
1020	6.92	12.25	0.08	175.1	231.4	12.4	9.56
1025	6.91	12.35	0.08	176.1	232.2	12.9	9.57
1030	6.89	12.44	0.08	176.7	232.5	10.5	9.58
1035	6.9	12.44	0.07	177.3	233.3	8.56	9.59
1040	6.9	12.23	0.07	177.2	234.4	8.53	9.6
							9.61 (After sample)

M2MW09 RND 2







01/27/2000 01/27/2000 01/27/2000 01/27/2000 01/27/2000 01/27/2000

DateTime(M/D/Y)

M2MW09 RND 2 DATA

	DateTime	Temp	SpCond	Cond	DO Conc	pH
	M/D/Y	C	mS/cm	mS/cm	mg/L	
0	01/27/2000 11:20:00	12.76	247.800	189.900	0.21	7.02
1	01/27/2000 11:25:00	12.77	248.900	190.800	0.14	6.96
2	01/27/2000 11:30:00	12.81	254.000	194.900	0.15	6.93
3	01/27/2000 11:35:00	12.77	261.100	200.100	0.29	6.89
4	01/27/2000 11:40:00	12.91	253.900	195.200	0.57	6.82
5	01/27/2000 11:45:00	12.58	239.900	183.000	0.46	6.76
6	01/27/2000 11:50:00	12.60	229.000	174.800	0.38	6.78
7	01/27/2000 11:55:00	12.27	231.600	175.300	0.31	6.88
8	01/27/2000 12:00:00	11.07	235.800	173.000	0.35	6.98
9	01/27/2000 12:05:00	9.65	239.900	169.600	0.65	7.04
10	01/27/2000 12:10:00	11.11	235.900	173.300	1.99	7.08
11	01/27/2000 12:15:00	9.35	241.800	169.500	0.14	7.09
12	01/27/2000 12:20:00	8.24	241.600	164.300	0.12	7.23
13	01/27/2000 12:25:00	7.82	243.300	163.500	0.22	7.18

M2 MW09 Low Flow Sample Data Rnd 2

Time	pH (su)	Temp (celcius)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	Specific Conductivity (mS/cm)	Turbidity (NTU)	Depth to Water (feet)
							6.91 (01/27/00)
							6.89 (Befire purge)
1120	7.02	12.76	0.21	189.9	247.8	42.2	6.9
1125	6.97	12.77	0.14	190.8	248.9	48.1	6.92
1130	6.93	12.81	0.15	194.9	254	38.9	6.94
1135	6.89	12.77	0.29	200.1	261.1	36	6.96
1140	6.82	12.91	0.57	195.2	253.9	23.5	6.99
1145	6.76	12.58	0.46	183	239.9	6.38	7.02
1150	6.78	12.6	0.38	174.8	229	4.71	7.03
1155	6.88	12.27	0.31	175.3	231.6	5.43	7.04
1200	6.98	11.07	0.35	173	235.8	5.4	7.05
1205	7.04	9.65	0.65	169.6	239.9	5.37	7.06
1210	7.08	11.11	1.99	173.3	235.9	5.21	7.07
1215	7.09	9.35	0.14	169.5	241.8	4.68	7.08
1220	7.23	8.24	0.12	164.3	241.6	4.2	7.09
1225	7.18	7.82	0.22	163.5	243.3	3.56	7.1
							7.10 (After sample)

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK459
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5123.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/27/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5123.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/27/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5123.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/27/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5123.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	1/27/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

METALS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5123
Sample Prepared: 01/31/00

Site: M-2

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/31/00	150	200	10.0
Antimony	01/31/00	6.00	20	2.0
Arsenic	01/31/00	ND	8	2.0
Barium	01/31/00	2.20	2000	0.5
Beryllium	01/31/00	ND	20	0.5
Cadmium	01/31/00	ND	4	0.5
Calcium	01/31/00	ND	NLE	20.0
Chromium	01/31/00	ND	100	0.5
Cobalt	01/31/00	ND	NLE	0.5
Copper	01/31/00	ND	1000	3.0
Iron	01/31/00	148	300	10.0
Lead	01/31/00	ND	10	2.0
Magnesium	01/31/00	ND	NLE	20.0
Manganese	01/31/00	0.700	50	0.5
Mercury	01/31/00	ND	2	0.1
Nickel	01/31/00	1.00	100	0.5
Potassium	01/31/00	62.0	NLE	20.0
Selenium	01/31/00	ND	50	3.0
Silver	01/31/00	ND	20	3.0
Sodium	01/31/00	ND	50000	20.0
Thallium	01/31/00	ND	10	3.0
Vanadium	01/31/00	ND	NLE	1.0
Zinc	01/31/00	5.00	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5123.01
Sample Received: 01/27/00
Sample Matrix: Aq

Site: M-2

Sample Location: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/31/00	ND	200	10.0
Antimony	01/31/00	ND	20	2.0
Arsenic	01/31/00	ND	8	2.0
Barium	01/31/00	ND	2000	0.5
Beryllium	01/31/00	ND	20	0.5
Cadmium	01/31/00	ND	4	0.5
Calcium	01/31/00	ND	NLE	20.0
Chromium	01/31/00	ND	100	0.5
Cobalt	01/31/00	ND	NLE	0.5
Copper	01/31/00	ND	1000	3.0
Iron	01/31/00	ND	300	10.0
Lead	01/31/00	ND	10	2.0
Magnesium	01/31/00	ND	NLE	20.0
Manganese	01/31/00	ND	50	0.5
Mercury	01/31/00	0.13	2	0.1
Nickel	01/31/00	ND	100	0.5
Potassium	01/31/00	ND	NLE	20.0
Selenium	01/31/00	ND	50	3.0
Silver	01/31/00	ND	20	3.0
Sodium	01/31/00	ND	50000	20.0
Thallium	01/31/00	4.00	10	3.0
Vanadium	01/31/00	ND	NLE	1.0
Zinc	01/31/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5123.02
Sample Received: 01/27/00
Sample Matrix: Aq

Site: M-2

Sample Location: 00M2MW06

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/31/00	ND	200	10.0
Antimony	01/31/00	5.00	20	2.0
Arsenic	01/31/00	ND	8	2.0
Barium	01/31/00	65.5	2000	0.5
Beryllium	01/31/00	ND	20	0.5
Cadmium	01/31/00	ND	4	0.5
Calcium	01/31/00	43900	NLE	20.0
Chromium	01/31/00	1.20	100	0.5
Cobalt	01/31/00	ND	NLE	0.5
Copper	01/31/00	60.0	1000	3.0
Iron	01/31/00	11600	300	10.0
Lead	01/31/00	ND	10	2.0
Magnesium	01/31/00	5300	NLE	20.0
Manganese	01/31/00	53.9	50	0.5
Mercury	01/31/00	0.17	2	0.1
Nickel	01/31/00	2.00	100	0.5
Potassium	01/31/00	6160	NLE	20.0
Selenium	01/31/00	ND	50	3.0
Silver	01/31/00	10.0	20	3.0
Sodium	01/31/00	8180	50000	20.0
Thallium	01/31/00	ND	10	3.0
Vanadium	01/31/00	ND	NLE	1.0
Zinc	01/31/00	13.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5123.03
Sample Received: 01/27/00
Sample Matrix: Aq

Site: M-2

Sample Location: Dupe

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/31/00	ND	200	10.0
Antimony	01/31/00	6.00	20	2.0
Arsenic	01/31/00	ND	8	2.0
Barium	01/31/00	65.5	2000	0.5
Beryllium	01/31/00	ND	20	0.5
Cadmium	01/31/00	ND	4	0.5
Calcium	01/31/00	44300	NLE	20.0
Chromium	01/31/00	ND	100	0.5
Cobalt	01/31/00	ND	NLE	0.5
Copper	01/31/00	14.0	1000	3.0
Iron	01/31/00	11700	300	10.0
Lead	01/31/00	ND	10	2.0
Magnesium	01/31/00	5360	NLE	20.0
Manganese	01/31/00	54.0	50	0.5
Mercury	01/31/00	0.15	2	0.1
Nickel	01/31/00	1.3	100	0.5
Potassium	01/31/00	6220	NLE	20.0
Selenium	01/31/00	ND	50	3.0
Silver	01/31/00	4.00	20	3.0
Sodium	01/31/00	8340	50000	20.0
Thallium	01/31/00	ND	10	3.0
Vanadium	01/31/00	ND	NLE	1.0
Zinc	01/31/00	19.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5123.04
Sample Received: 01/27/00
Sample Matrix: Aq

Site: M-2

Sample Location: 00M2MW09

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	01/31/00	7870	200	10.0
Antimony	01/31/00	ND	20	2.0
Arsenic	01/31/00	ND	8	2.0
Barium	01/31/00	129	2000	0.5
Beryllium	01/31/00	1.2	20	0.5
Cadmium	01/31/00	1.8	4	0.5
Calcium	01/31/00	54800	NLE	20.0
Chromium	01/31/00	67.2	100	0.5
Cobalt	01/31/00	2.2	NLE	0.5
Copper	01/31/00	27.0	1000	3.0
Iron	01/31/00	29700	300	10.0
Lead	01/31/00	13.0	10	2.0
Magnesium	01/31/00	6910	NLE	20.0
Manganese	01/31/00	1240	50	0.5
Mercury	01/31/00	0.66	2	0.1
Nickel	01/31/00	8.7	100	0.5
Potassium	01/31/00	10500	NLE	20.0
Selenium	01/31/00	ND	50	3.0
Silver	01/31/00	ND	20	3.0
Sodium	01/31/00	8190	50000	20.0
Thallium	01/31/00	ND	10	3.0
Vanadium	01/31/00	29.0	NLE	1.0
Zinc	01/31/00	398	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

APPENDIX D

AQUIFER TEST RESULTS
M-2 LANDFILL

Slug and Pump Test Evaluation
Appendix D.1 – Aquifer Test Graphs

Aquifer Test Results – M2 Landfill

Slug Test Results

Rising head slug tests were conducted on five wells on the M2 landfill. Data was recorded using an InSitu SE10000 (Hermit) environmental data logger. Results were analyzed using the AquiferWin32 software. All results presented below were based on the Bouwer & Rice method of slug test interpretation. All lines were placed manually to achieve a better fit with the data than was achieved by computer optimization alone. Recovery graphs for the five wells are presented in Appendix D.1. Results were also interpreted with the Cooper, Bredehoft, and Papadopolous method, however, this method failed to converge to a unique solution.

Table D.1 summarizes the results of the slug test analyses. Results ranged from $5.1x10^{-6}$ feet (ft)/day at well MW20 to $1.2x10^{-6}$ ft/day at MW12, both of which are 53-foot deep wells. The three shallow wells, MW13, MW18, and MW23, had an average hydraulic conductivity of $2.0x10^{-6}$ ft/day. In contrast, deep wells MW12 and MW20 had an average hydraulic conductivity of $3.2x10^{-6}$ ft/day.

These results appear to suggest that the hydraulic conductivity may increase slightly with depth. However, a more correct interpretation may be that the shallow hydraulic conductivity is a relatively consistent $2.0x10^{-6}$ ft/day while the deeper hydraulic conductivity varies considerably from $5.1x10^{-6}$ ft/day to $1.2x10^{-6}$ ft/day. Care should be taken in utilizing these results since they are based on only three wells in the shallow zone (about 20 ft deep or less) and two wells in the deeper zone (over 50 ft).

Pump Test Results

A five-hour pump test was conducted at the M2 landfill using well MW19 (53 ft deep) as the pumping well and well MW24 (22 ft deep) as an observation well. A discharge rate of three gallons per minute (gpm) was maintained for the first 280 minutes (four hours and 40 minutes). The discharge rate was then increased to six gpm for an additional five minutes. Finally, the discharge rate was increased to 8 gpm for an additional five minutes. Data on the pumping well was recorded using an InSitu SE 1000 (Hermit) data logger as well as periodic hand measurements. Drawdown in shallow well MW 24 was recorded by periodic hand measurements.

Results were analyzed using the AquiferWin32 software. Curves were fit using a combination of computer optimization with manual adjustment. Several interpretation methods were used to explore different aspects of the test data. These included the effective aquifer type (i.e., confined vs. unconfined), partial penetration, storage, and changes in pumping rate. Results of the interpretation are summarized in Table D.2. Graphs for the analyses are included in Appendix D.1.

Results for well MW19 yielded a transmissivity of approximately 135 gallons per day per foot of drawdown. These data were analyzed with four different methods. The Cooper & Jacob method for unconfined aquifers, the Hantush methods for leaky aquifers with storage, the Neuman

method for unconfined aquifers with partially penetrating wells, and the Eden & Hazel method for step tests. With one exception, all methods yielded transmissivities of approximately 135 gpd/ft. The Neuman method for unconfined aquifers with partially penetrating wells yielded a transmissivity of approximately 120 gpd/ft. The Eden & Hazel method was also used to analyze the data from well MW19 as it was pumped at six gpm. This analysis yielded a transmissivity of 72 gpd/ft. However, the data record was so short these results may not be reliable. The data record for the pumpage at 8gpm was too short to analyze. Care should be taken in utilizing these results because drawdown measurements made on a pumping well are often subject to errors because of well losses and storage effects.

Results for the shallow observation well MW 24 were analyzed using the two Theis methods for confined aquifers and for unconfined aquifers with partial penetration, as well as the Hantush method for confined aquifers with partial penetration. Results for the confined aquifer methods yielded transmissivities of approximately 315 gpd/ft. Results for the unconfined Theis method yielded a transmissivity of 381 gpd/ft. Because the shallow well is almost certainly under unconfined conditions, the higher transmissivity is probably more representative of the geologic materials at the site. Care should be taken in utilizing these results because the 15-foot screened portion of the observation well is 10 ft shallower than the 20-foot screened portion of the pumping well.

Estimates of the storage coefficient yielded results that were generally less than 1×10^{-6} with one exception. The Hantush methods for leaky aquifers with storage yielded a storage coefficient of 0.01. There are two ways to interpret these results. First, it could be assumed that the Hantush method of data analysis is the most appropriate method. In this case, the aquifer at the M2 landfill is an unconfined, leaky aquifer with storage having a transmissivity of 135 gpd/ft and a storage coefficient of .01. Second, it could be assumed that all of the data interpretation methods had some degree of appropriateness. In this case, the aquifer at the M2 landfill would have a transmissivity of approximately 380 gpd/ft in the shallow (less than 20 ft deep) zone which decreases to about 135 gpd/ft with depth (about 50 ft). The very low storage coefficients would then suggest that the aquifer has little effective porosity.

Comparison of Slug Test and Pump Test Results

It is not possible to compare directly the slug test and pump test results without knowing the saturated thickness of the aquifer at the M2 landfill. However, based on this data it appears that the slug tests have greatly underestimated the aquifer's hydraulic conductivity relative to the pump test. Assuming the pump test analyses are correct, the slug test results are probably too low by several orders of magnitude.

Table D.1 Summary of Slug Test Results

Well		MW12	MW13	MW18	MW20	MW23	*Averages*
Hydraulic Conductivity	ft/day	1.24E-06	2.17E-06	1.76E-06	5.14E-06	2.17E-06	***All Wells***
	cm/sec	3.77E-05	6.63E-05	5.36E-05	1.57E-04	6.61E-05	***2.50E-06***
	Line Slope	-4.19E-04	-1.26E-03	-3.55E-04	-1.74E-03	-4.36E-04	***7.61E-05***
	Line Intercept	107.2	112.3	108.1	108.1	111.2	
	Graph Parameter A	4.86	3.35	3.35	4.86	3.35	***Shallow Wells***
	Graph Parameter B	0.83	0.53	0.53	0.83	0.53	***2.03E-06***
	Graph Parameter C	4.85	3.05	3.05	4.85	3.05	***6.20E-05***
Slug Displacement (ft)		2.237	1.994	2.728	2.237	2.102	
Casing Diameter (ft)		0.33	0.33	0.33	0.33	0.33	***Deep Wells***
Screen Length (ft)		20	15	15	20	15	***3.19E-06***
Screen Top Depth (ft)		33.3	12.25	12.25	33.3	12.92	***9.72E-05***
Well Depth (ft)		53.3	22.25	22.25	53.3	22.92	

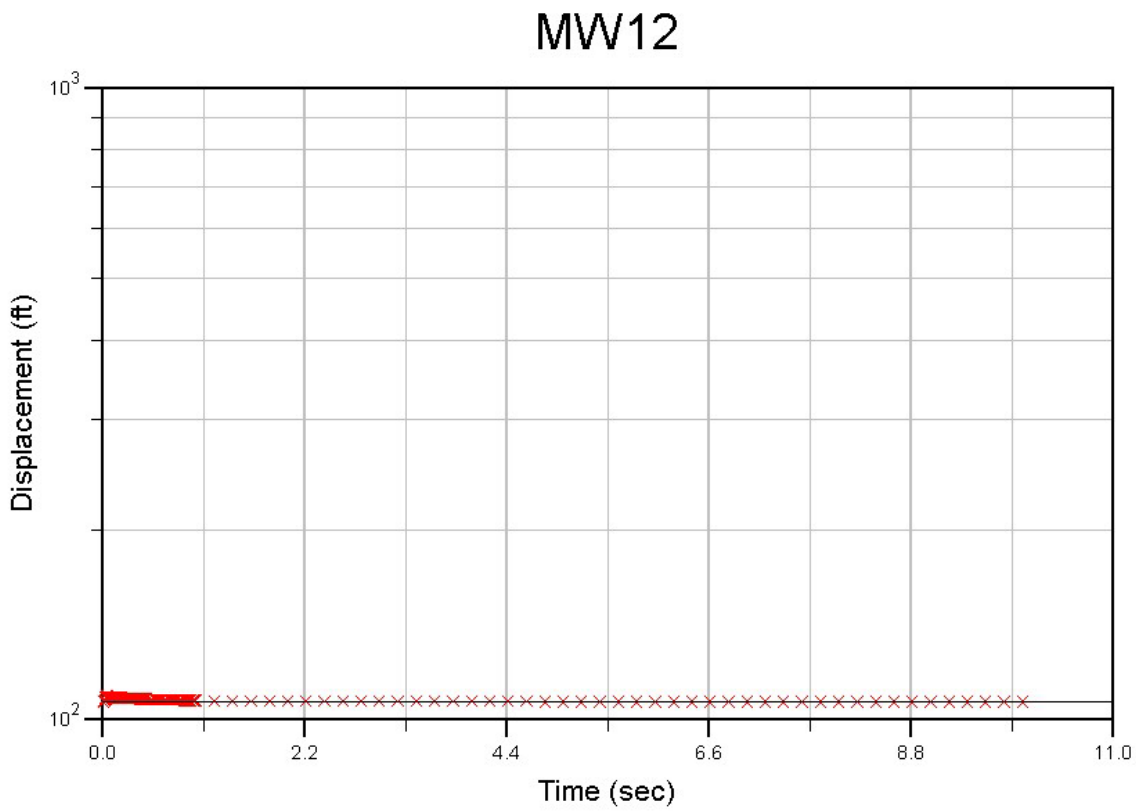
Table D.2 Summary of Pump Test Results

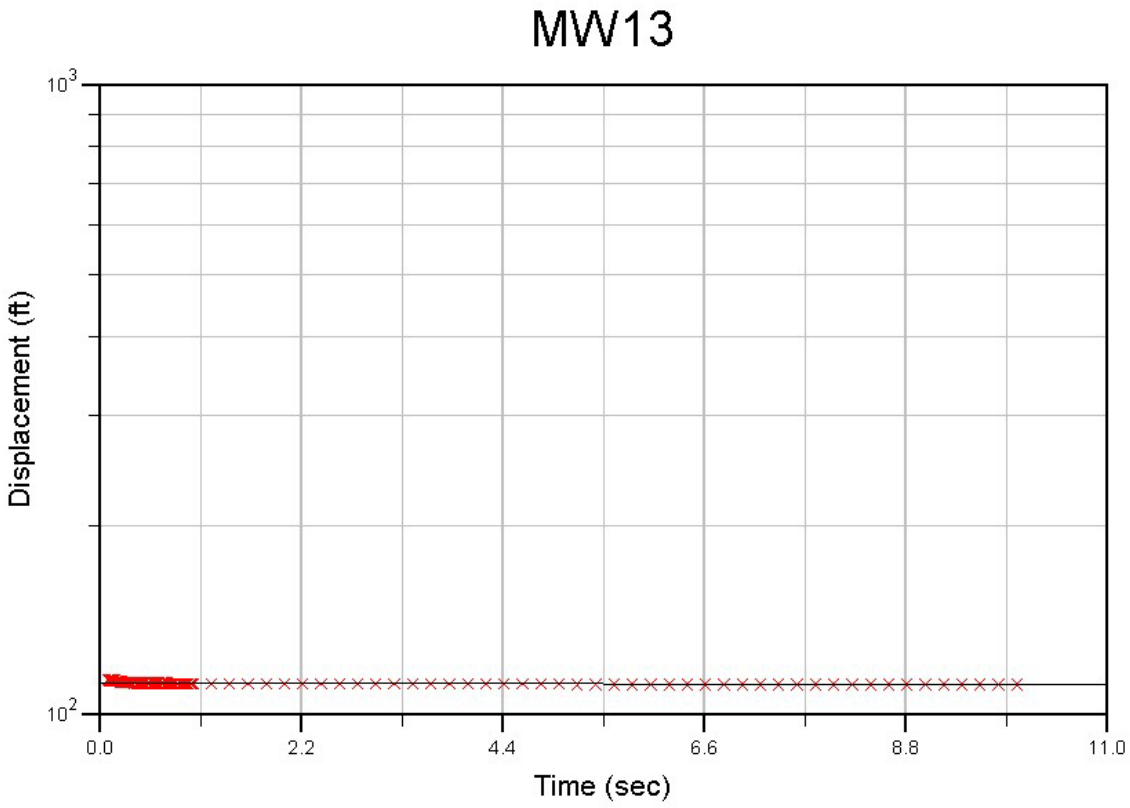
Well Tested	Pumping Rate (gpm)	Distance (feet)	Solution Method	Solution Conditions	Transmissivity (gal/day/ft)	Storage Coefficient
MW19	3	--	Cooper & Jacob	unconfined	135	0.000001
	3	--	Hantush	leaky aquifer with storage	135	0.01
	3	--	Neuman	unconfined, partial penetration	120	0.000001
MW19, MW24	3	10	Theis	unconfined, partial penetration	381	0.0000007
	3	10	Theis	confined	315	0.000001
	3	10	Hantush	confined, partial penetration	315	0.0000003
MW19	3	--	Eden & Hazel	step test	136	--
	6	--	Eden & Hazel	step test	72	--

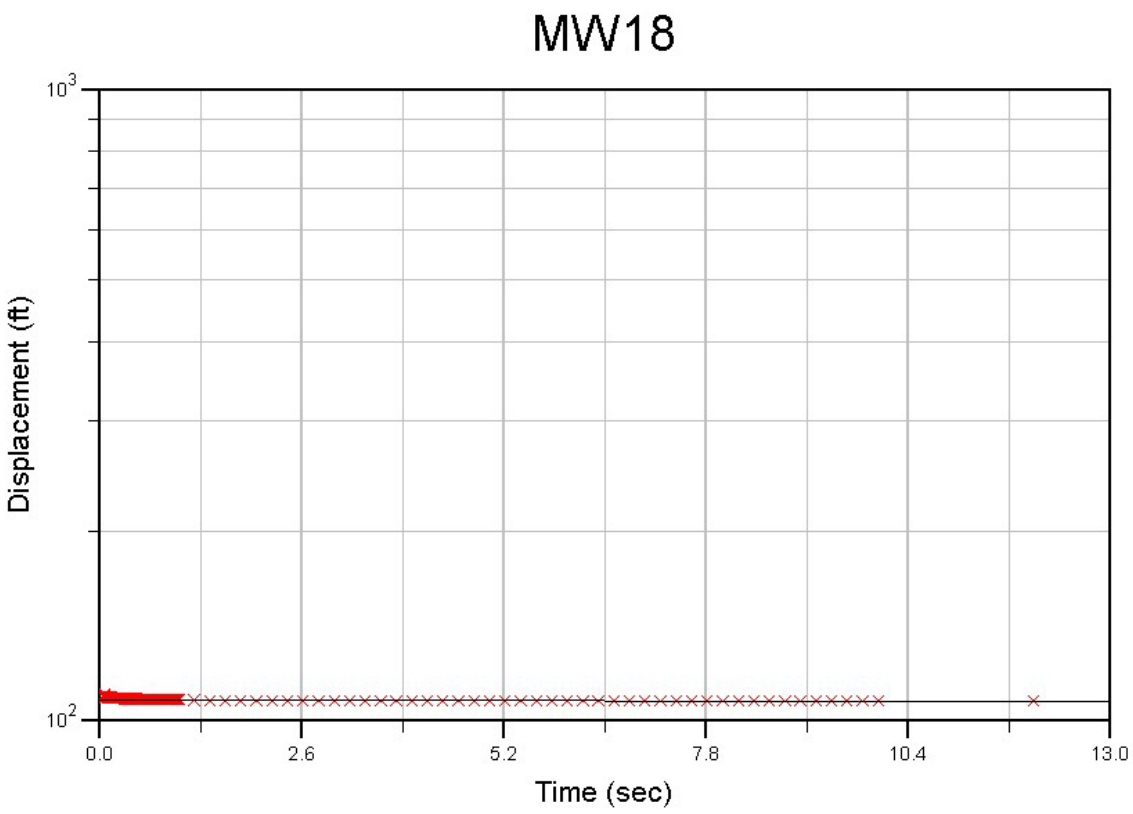
Appendix D.1

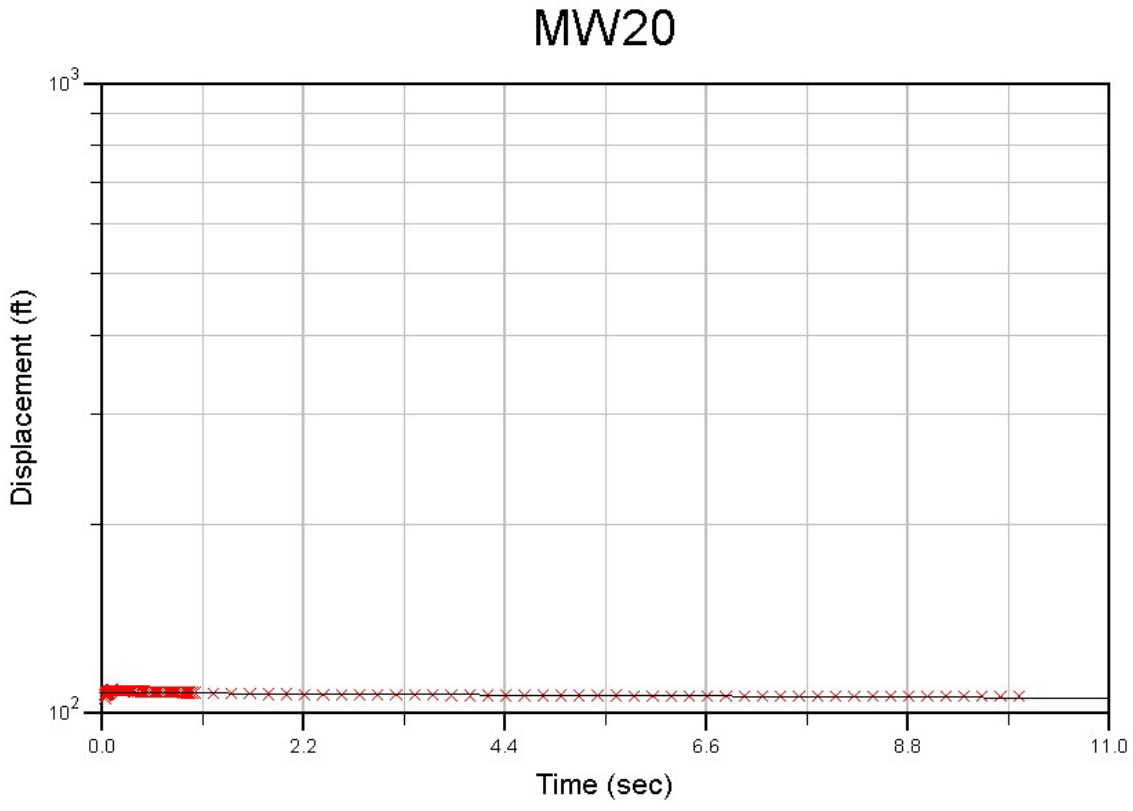
Aquifer Test Graphs

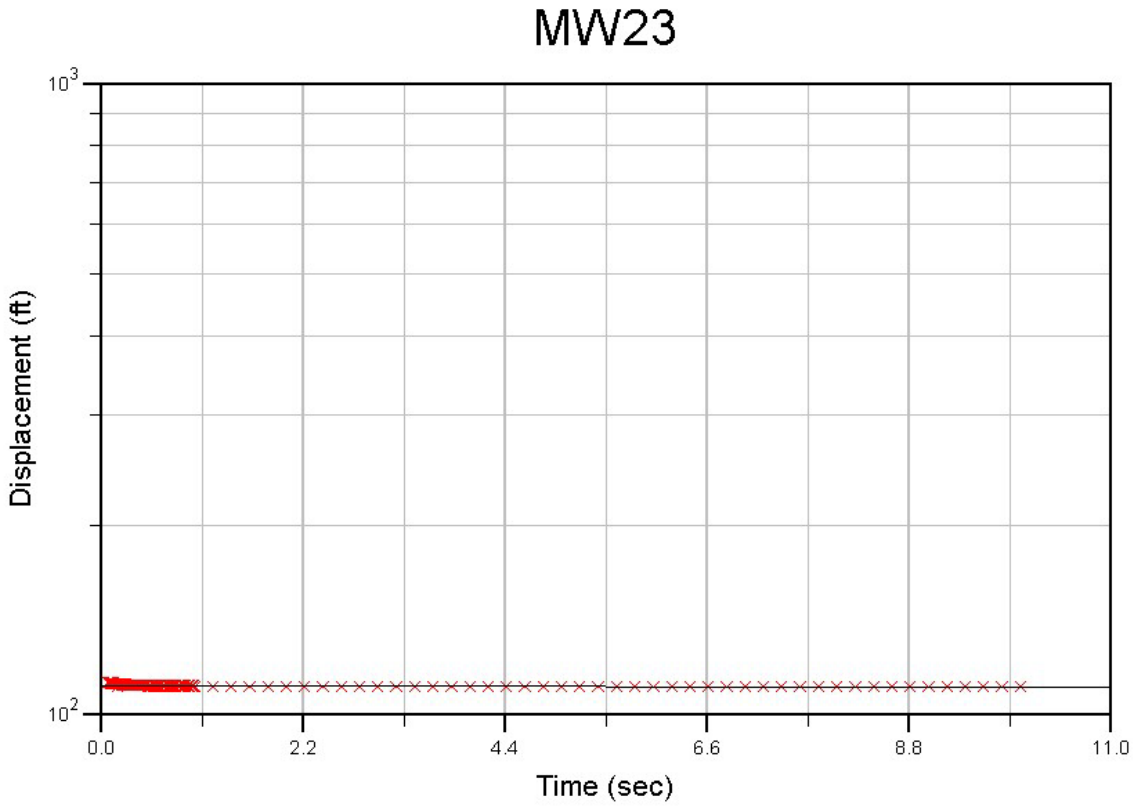
Slug Test Graphs


MW12
10^3
10^2
Displacement (ft)
0.0
2.2
4.4
6.6
8.8
11.0
Time (sec)

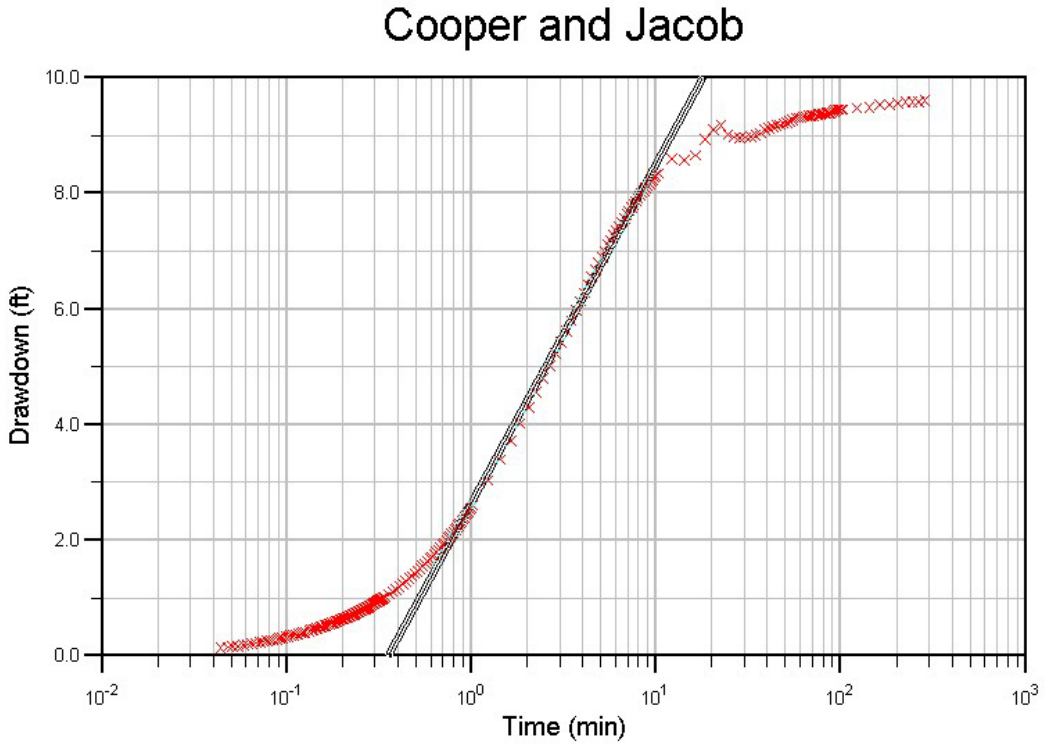

MW13
10^3
10^2
Displacement (ft)
0.0
2.2
4.4
6.6
8.8
11.0
Time (sec)

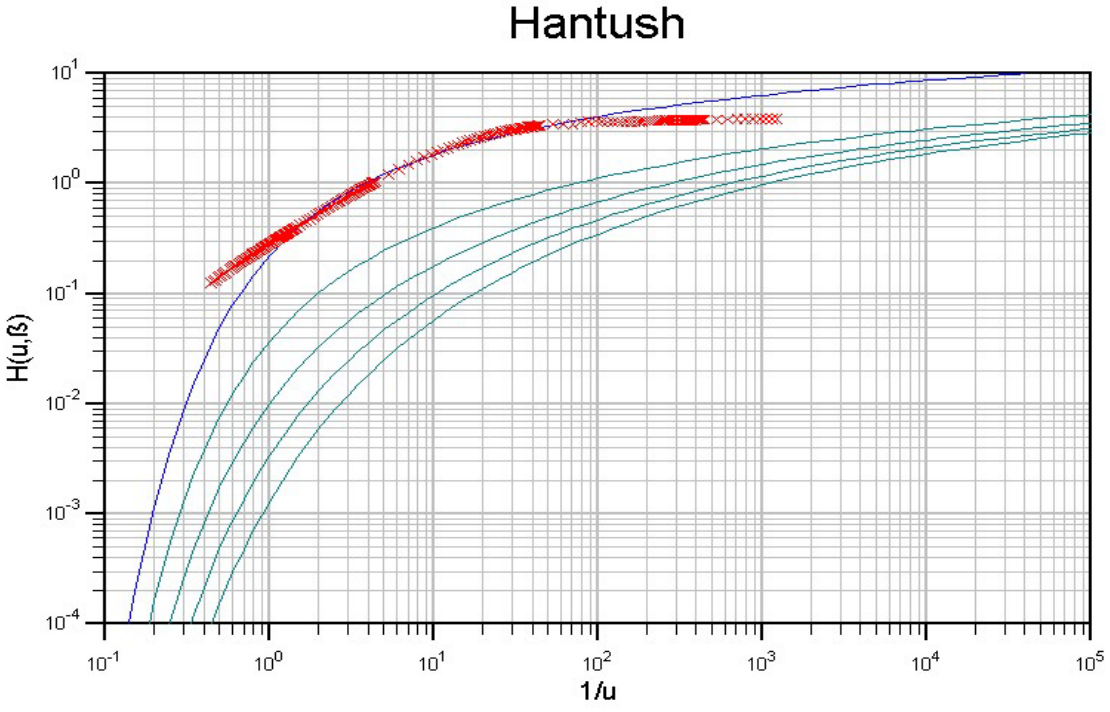

MW18
10^3
10^2
Displacement (ft)
0.0
2.6
5.2
7.8
10.4
13.0
Time (sec)

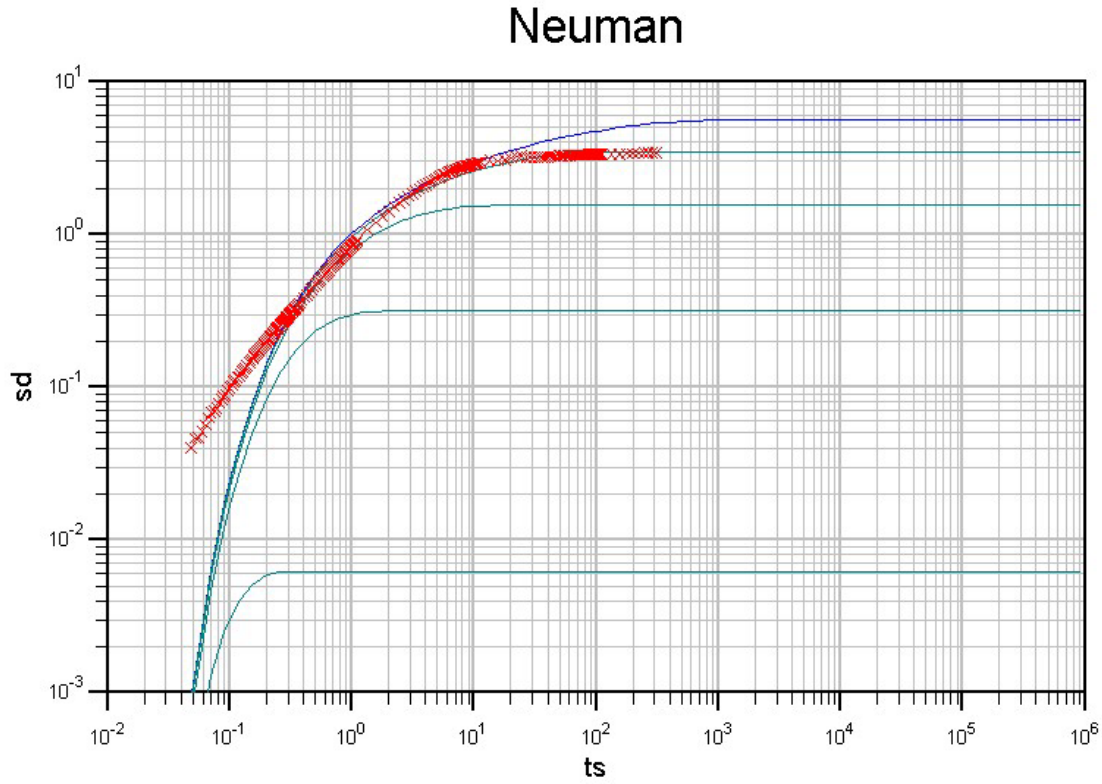

MW20
10^3
10^2
Displacement (ft)
0.0
2.2
4.4
6.6
8.8
11.0
Time (sec)

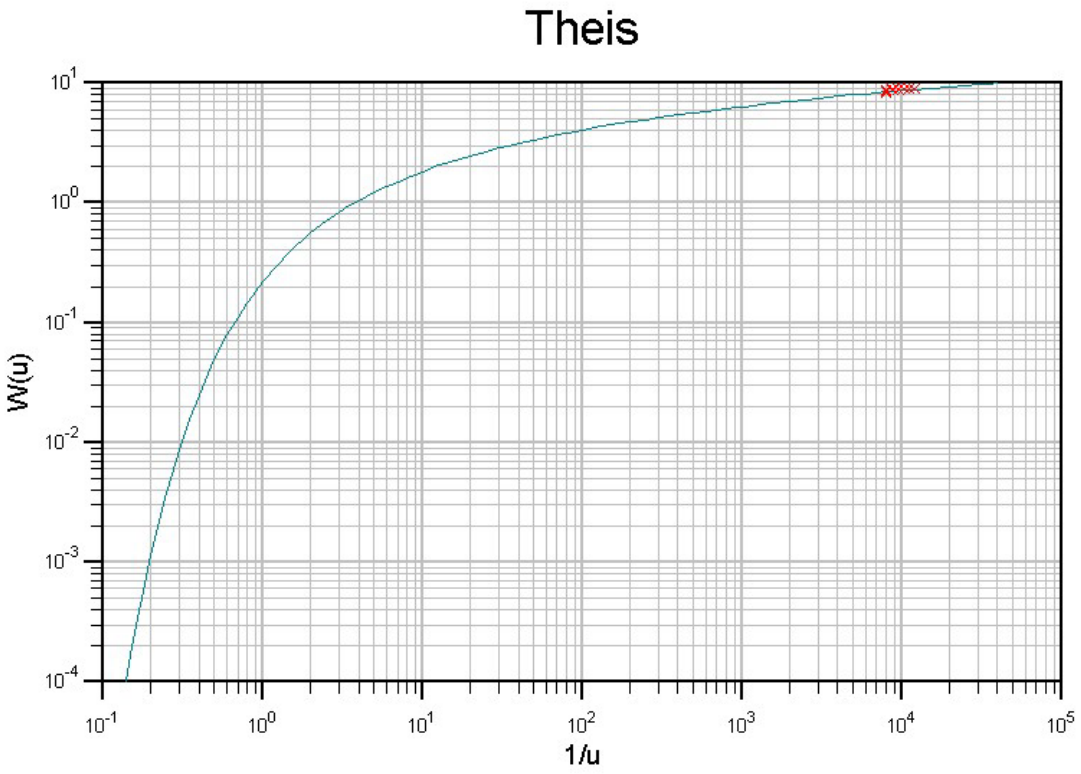

MW23
10^3
10^2
Displacement (ft)
0.0
2.2
4.4
6.6
8.8
11.0
Time (sec)

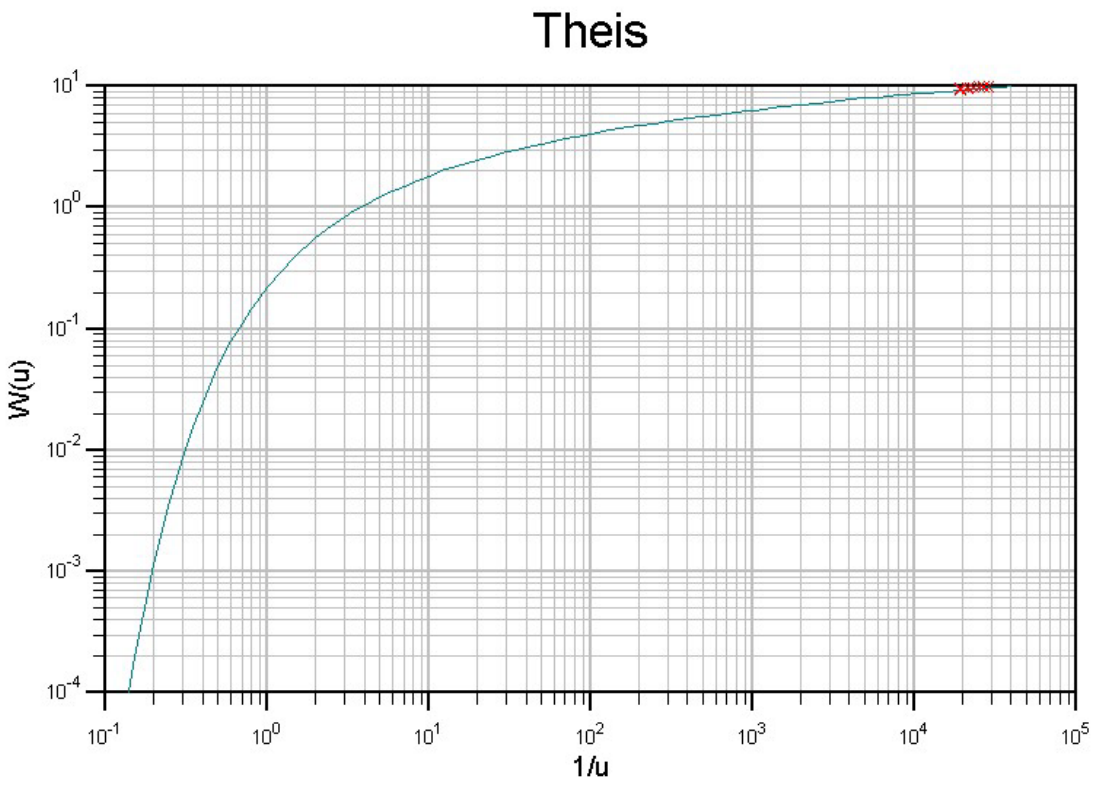
Pump Test Graphs

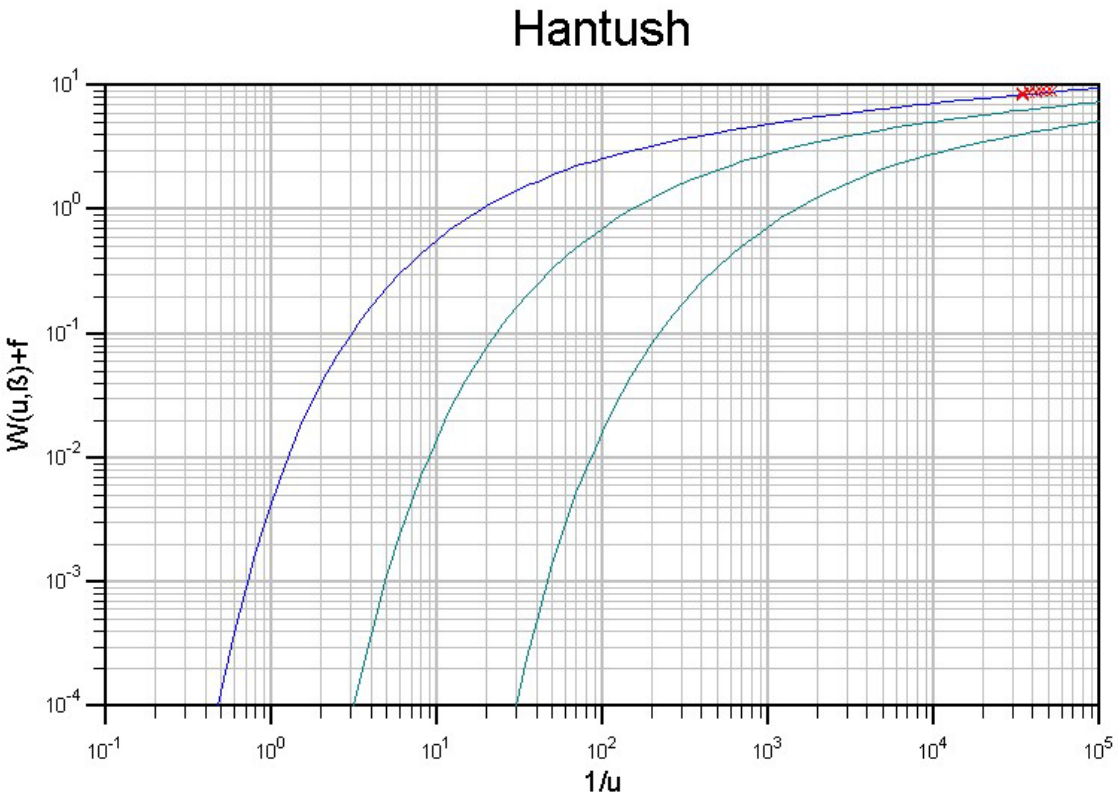

Cooper and Jacob
Drawdown (ft)
10.0
8.0
6.0
4.0
2.0
0.0
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
Time (min)

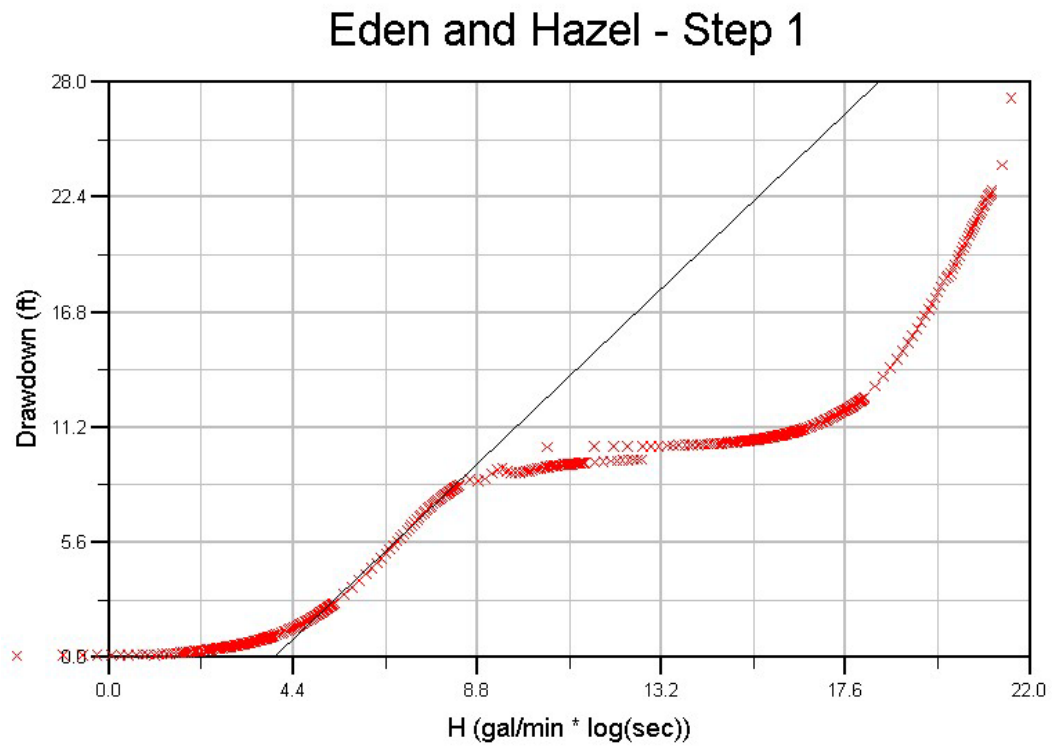

Hantush
H(u,ß)
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
1/u

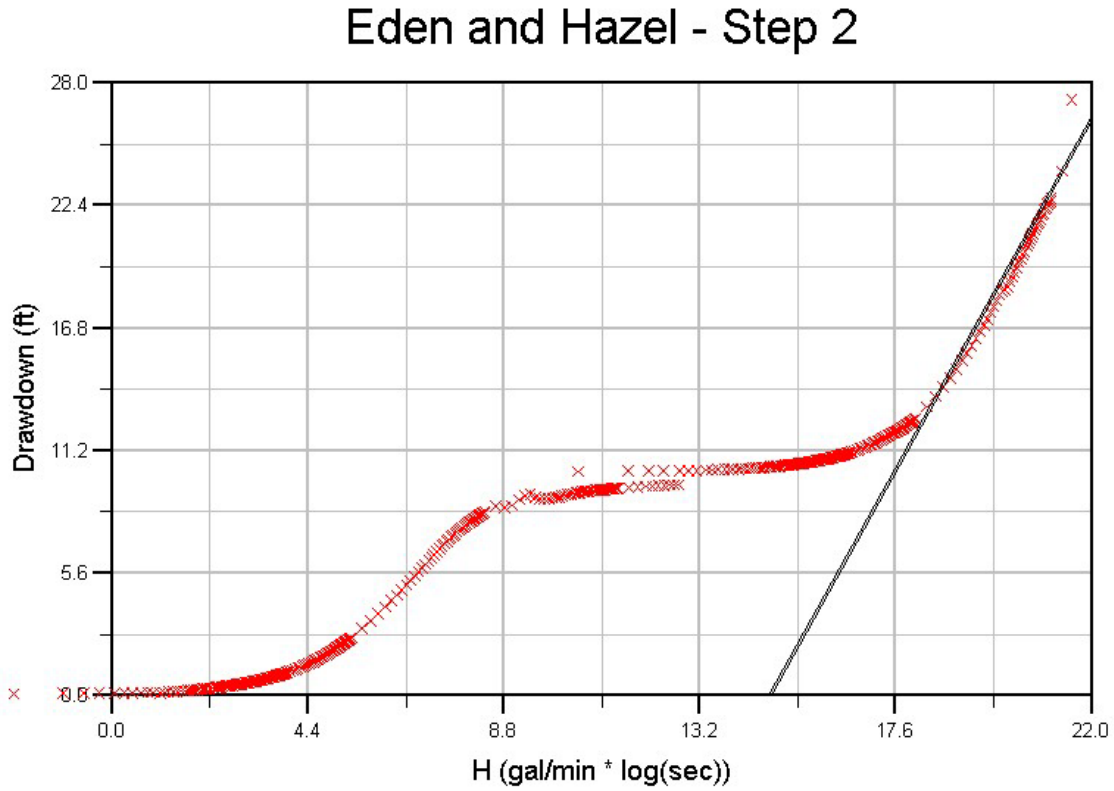

Neuman
sd
ts
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-2}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}
10^{6}


Theis
W(u)
1/u
10^{1}
10^{0}
10^{-1}
10^{-2}
10^{-3}
10^{-4}
10^{-1}
10^{0}
10^{1}
10^{2}
10^{3}
10^{4}
10^{5}


Theis
W(u)
1/u
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-1
10^0
10^1
10^2
10^3
10^4
10^5


Hantush
W(u,β)+f
1/u
10^1
10^0
10^-1
10^-2
10^-3
10^-4
10^-1
10^0
10^1
10^2
10^3
10^4
10^5


Eden and Hazel - Step 1
Drawdown (ft)
28.0
22.4
16.8
11.2
5.6
0.0
0.0
4.4
8.8
13.2
17.6
22.0
H (gal/min * log(sec))


Eden and Hazel - Step 2
Drawdown (ft)
28.0
22.4
16.8
11.2
5.6
0.0
0.0
4.4
8.8
13.2
17.6
22.0
H (gal/min * log(sec))

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APPENDIX E

SENSITIVE RECEPTOR SURVEY

Environmental Data Resources, Inc.
Southport, CT

Offsite Receptor Report
M-2 Landfill
Inquiry Number: 0511403.1r
June 2, 2000

EDR - Offsite Receptor Report

test
50 Dorset Place
Shirley, NY 11967

Inquiry Number: 0301661.3e

January 14, 1999

Environmental Data Resources, Inc.
an edr company

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Census Map	3
Census Findings	4
Receptor Map	5
Map Findings	6
Records Searched/Data Currency Tracking Addendum	8

Thank you for your business
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer and Other Information

This Report contains information obtained from a variety of public and other sources and Environmental Data Resources, Inc. (EDR) makes no representation or warranty regarding the accuracy, reliability, quality, suitability, or completeness of said information or the information contained in this report. The customer shall assume full responsibility for the use of this report.
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EXECUTIVE SUMMARY

A search of available records was conducted by Environmental Data Resources, Inc. (EDR). The EDR Risk Management Plan Map Report provides information which may be used to comply with the Clean Air Act Risk Management Program 112-R. *"The rule requires that you estimate in the RMP residential populations within the circle defined by the endpoint for your worst-case and alternative release scenarios (i.e., the center of the circle is the point of release and the radius is the distance to the endpoint). In addition, you must report in the RMP whether certain types of public receptors and environmental receptors are within the circles."*

The address of the subject property, for which the search was intended, is:

NA
50 DORSET PLACE
SHIRLEY, NY 11967

Distance Searched: 2.000 miles from subject property

RECEPTOR SUMMARY
An X indicates the presence of the receptor within the search radius.

Residential Population
Estimated population within search radius: 15302 persons.

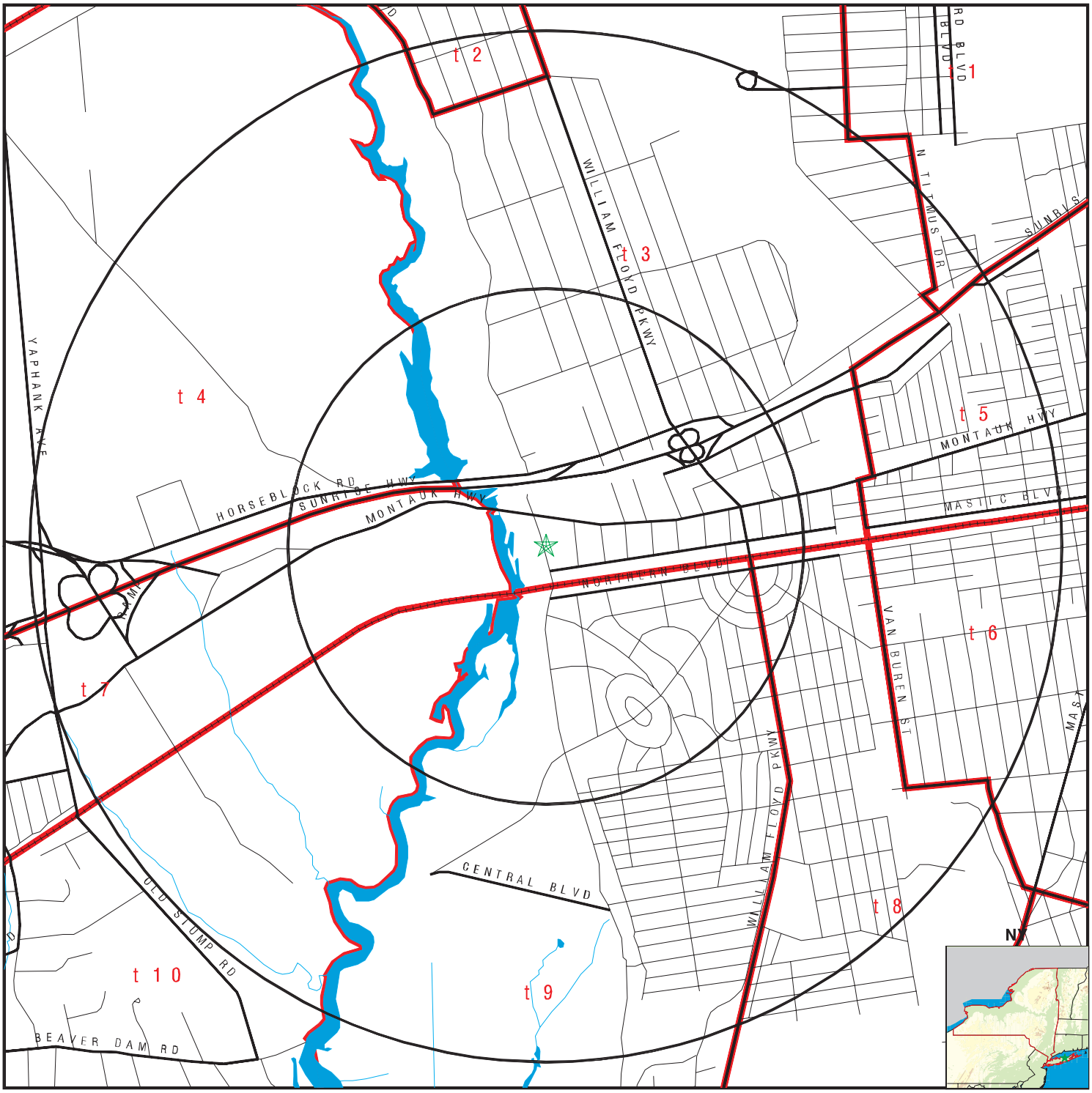
Other Public Receptors

Type	Within Search Radius	Sites Total
Day Care Centers:	X	6
Medical Centers:		
Nursing Homes:	X	1
Schools:	X	3
Hospitals:		
Arena:		
Prison:		

Environmental Receptors

Type	Within Search Radius	Sites Total
Federal Land:	X	1

CENSUS MAP - 0301661.3e



Target Property
Roads
Waterways
Census Tracts

0 1/2 1 2 Miles

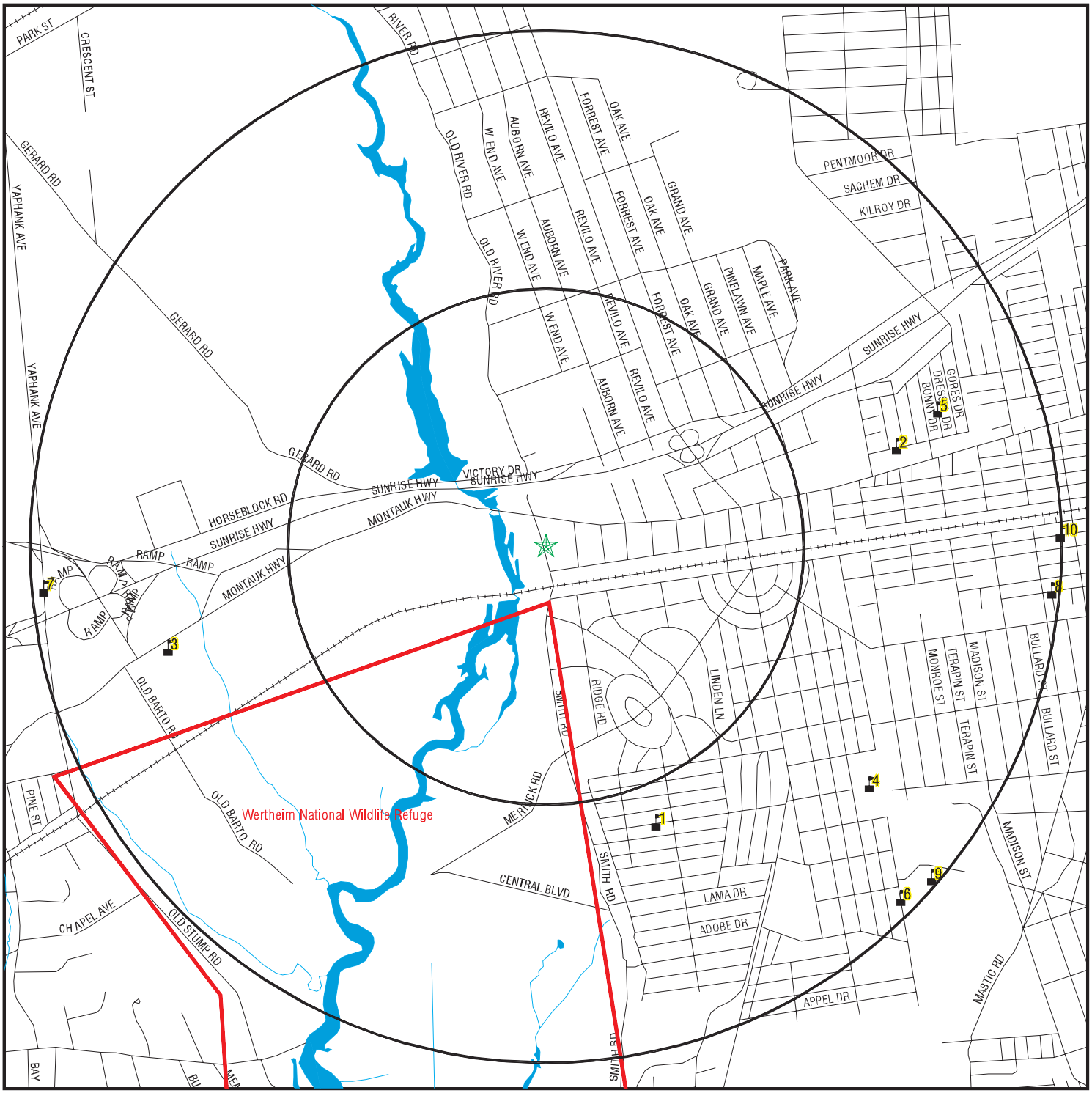
N

TARGET PROPERTY:	test	CUSTOMER:	Test
ADDRESS:	50 Dorset Place	CONTACT:	test
CITY/STATE/ZIP:	Shirley NY 11967	INQUIRY #:	0301661.3e
LAT/LONG:	-72.8805 / 40.7991	DATE:	January 14, 1999 2:33 pm

CENSUS FINDINGS

Map ID	Tract Number	Total Population	Population in Radius	Total Area(sq.mi.)	Area in Radius(sq.mi.)
T1	1594.09	6782	25.7	12.47	0.05
T2	1594.07	4982	280.6	1.78	0.10
T3	1594.08	4948	3947.9	3.97	3.16
T4	1591.06	3773	833.3	8.52	1.88
T5	1594.04	5676	1005.8	2.89	0.51
T6	1595.04	7523	1533.9	2.75	0.56
T7	1591.03	4772	1087.8	4.03	0.92
T8	1595.06	6207	2342.0	2.19	0.82
T9	1595.05	6799	3500.8	4.56	2.35
T10	1592.04	3795	743.8	5.33	1.04

RECEPTOR MAP - 0301661.3e



0 1/2 1 2 Miles

N

- ★ Target Property
- Roads
- Waterways
- Environmental or Public Receptor
- Environmental or Public Linear Features
- Environmental or Public Area

TARGET PROPERTY:	test	CUSTOMER:	Test
ADDRESS:	50 Dorset Place	CONTACT:	test
CITY/STATE/ZIP:	Shirley NY 11967	INQUIRY #:	0301661.3e
LAT/LONG:	-72.8805 / 40.7991	DATE:	January 14, 1999 2:33 pm

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
NA South 1/8-1/4 mi 1143 NA	Name: ID: State FIPS: Feature:	Wertheim National Wildlife Refuge 26484 36 National Wildlife Refuge FWS	US0026484 FED_LAND
1 SSE 1-2 mi 6099 Higher	Name: ID: Site Type:	LITTLE ANGEL CHILD CARE CENTER 585458162 Daycare ctr	DAY1021103 DAYCARE
2 ENE 1-2 mi 7459 Higher	Name: ID: Site Type:	MARTINEZ PATRICIA 585458311 Daycare ctr	DAY1021085 DAYCARE
3 WSW 1-2 mi 8011 Higher	Name: ID: Site Type: Latitude: Longitude:	South Haven School 965768 school 40.79400 -72.91000	GNS1013835 GNIS_SCH
4 SE 1-2 mi 8232 Higher	Name: ID: Site Type: Latitude: Longitude:	Floyd School 970132 school 40.78700 -72.86000	GNS0993329 GNIS_SCH
5 ENE 1-2 mi 8488 Higher	Name: ID: Site Type:	HIMKO JEAN 585458297 Daycare ctr	DAY1021082 DAYCARE
6 SE 1-2 mi 10234 Higher	Name: ID: Site Type:	BARBER DIANE 585458258 Daycare ctr	DAY1021108 DAYCARE
7 West 1-2 mi 10315 Higher	Name: ID: Site Type:	Suffolk Infirmary 612 Nursing home	NUR1001904 NURHOM

MAP FINDINGS

Map ID Direction Distance Distance (ft.) Elevation	Site		EDR ID Database
8 East 1-2 mi 10395 Higher	Name: ID: Site Type:	MACNABB EILEEN 585454664 Daycare ctr	DAY1021091 DAYCARE
9 SE 1-2 mi 10415 Higher	Name: ID: Site Type: Latitude: Longitude:	Woodhull School 971641 school 40.78200 -72.85000	GNS1019763 GNIS_SCH
10 East 1-2 mi 10525 Higher	Name: ID: Site Type:	JOHNSON CATHERINE 585458300 Daycare ctr	DAY1021087 DAYCARE

RECORDS SEARCHED/DATA CURRENCY TRACKING

CENSUS
Source: U.S. Census Bureau
Telephone: 301-457-4100
1990 U.S. Census data was used to estimate residential population following these EPA guidelines:
"Census data are presented by Census tract. If your circle covers only a portion of the tract, you should develop an estimate for that portion...Determine the population density per square mile (total population of the Census tract divided by the number of square miles in the tract) and apply that density figure to the number of square miles within your circle."

FED_LAND: Federal Lands
Source: USGS
Telephone: 703-648-5094
Federal lands data. Includes data from several Federal land management agencies, including Fish and Wildlife Service, Bureau of Land Management, National Park Service, and Forest Service. Includes National Parks, Forests, Monuments; Wildlife Sanctuaries, Preserves, Refuges; Federal Wilderness Areas.

HCFA: Provider of Services Listing
Source: The Health Care Financing Administration
Telephone: 410/786-3000
A listing of hospitals with Medicare provider number, produced by The Health Care Financing Administration (HCFA), a federal agency within the U.S. Department of Health and Human Services.
HCFA runs the Medicare and Medicaid programs.

CCD: Common Core of Data
Source: National Center for Education Statistics
555 New Jersey Avenue NW
Washington, DC 20208-5651
The Common Core of Data (CCD) is the National Center for Education Statistics' primary database on elementary and secondary public education in the United States. CCD is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

GNIS: Geographic Names Information System
Source: USGS
Telephone: 703-648-5094
The Geographic Names Information System (GNIS), developed by the USGS in cooperation with the U.S. Board on Geographic Names (BGN), contains information about almost 2 million physical and cultural geographic features in the United States. The GNIS is our Nation's official repository of domestic geographic names information.

PRV_SCH: Private Schools
EDR indicates the location of buildings and facilities - private schools - where individuals who are public receptors are likely to be located.

DAYCARE: Daycare Centers
EDR indicates the location of buildings and facilities - daycare centers - where individuals who are public receptors are likely to be located.

MEDCEN: Medical Centers
EDR indicates the location of buildings and facilities - medical centers - where individuals who are public receptors are likely to be located.

NURSING: Nursing Homes
EDR indicates the location of buildings and facilities - nursing homes - where individuals who are public receptors are likely to be located.

ARENA: Arenas
EDR indicates the location of buildings and facilities - arenas - where individuals who are public receptors are likely to be located.

PRISON: Prisons
EDR indicates the location of buildings and facilities - prisons - where individuals who are public receptors are likely to be located.

BOP: Bureau of Prisons Facilities
Source: Federal Bureau of Prisons
List of facilities operated by the Federal Bureau of Prisons.

APPENDIX F

WELL SEARCH SUMMARY

Source: State of New Jersey Department of Environmental Protection
Well Permitting and Regulations Section of the Bureau of Water Allocation, Trenton, NJ
Search Date: 18 January 2001

Well Search Summary
M-2 Landfill
Fort Monmouth, New Jersey

	WELL OWNER	WELL ADDRESS	WELL DESIGNATION	WELL USE CODE	WELL DEPTH (ft)	WELL CAPACITY	PERMIT NUMBER	PERMIT DATE	NJGRID	LATITUDE	LONGITUDE	DRILLER	WELLDATE	COMP. DATE	FIN. DEPTH	WELL CONTACT (if identified)
1	GLEIM HENRY S.			D	140	10	2900871	7/21/1953	2913648	401853	740346	T1CE				
2	GRANDINETTI LOUIS			D	150	15	2901016	12/24/1953	2913691	401839	740240	GREH				
3	LOZIER FRED			D	46	3	2901308	12/3/1954	2913684	401826	740319	BORD				
4	JOHNSON ALLAN			D	60	10	2901448	5/19/1955	2913644	401906	740400	APT1				
5	HALL JOSHUA			D	150	10	2901456	5/20/1955	2913648	401853	740346	T1CE				
6	O'NEILL EDWARD			D	60	12	2901788	11/30/1955	2913653	401920	740253	APT1				
7	ZANNETTI ANGELO			D	100	10	2902505	10/10/1957	2913665	401906	740226	T1CE				
8	ESSO STANDARD OIL CO			R1	110	12	2902919	5/11/1959	2913656	401906	740253	T1CE				
9	CONOVER HAROLD r.			D	100	12	2902952	6/22/1959	2913675	401826	740346	APT1				
10	U.S. GOVERNMENT			D	60	10	2903752	1/25/1962	2913675	401826	740346	T1CE				
11	BINOLFORD HAROLD			D	50	12	2904782	8/5/1965	2913691	401839	740240	PETE				
12	FRANCO THOMAS			D	50	7	2905609	10/7/1968	2913655	401906	740306	PETE				
13	P.V.C. CONTAINER CRP			D	100	35	2905673	1/22/1969	2913692	401839	740226	T1CE				
14	BUONO ANGELO			D	40	50	2907110	7/24/1973	2913652	401920	740306	KAYE				
15	WILLIAMSON KEN			D	60	10	2908652	1/18/1977	2913923	401800	740253	B1LL				
16	PHALANX DEVELOPMENT			D	120	10	2908785	4/28/1977	2913648	401853	740346	ENG1				
17	REEM RICHARD			D	60	30	2908813	5/16/1977	2913644	401906	740400	KAYE				
18	MUSCATELLO MR & MRS			D	100	10	2909285	3/13/1978	2913922	401800	740306	AMER				
19	MENDES ANTHONY			D	80	12	2909661	9/19/1978	2913921	401800	740319	P1CK				
20	GENTILE DANIEL			D	60	15	2911479	8/18/1981	2913923	401800	740253	P1CK				
21	BECKELMAN MARVIN			H	100	0	2911771	12/22/1981	2913653	401920	740253	ENG1				
22	BECKELM.AN MARVIN			H	100	10	2911772	12/22/1981	2913664	401906	740240	ENG1				
23	BERWEILER ROBI			D	80	12	2913181	9/12/1983	2913697	401806	740232	P1CK				
24	RUSSO VINCENT J. BL			G	200	30	2914168	9/15/1984	2913672	401832	740339	GUNT				
25	SHELL OIL CO.			M	12	0	2914180	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
26	SHELL OIL Co.			M	12	0	2914181	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
27	SHELL OIL CO.			M	12	2	2914182	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
28	SHELL OIL CO.			M	12	0	2914183	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
29	SHELL OIL CO.			M	12	0	2914184	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
30	SHELL OIL CO.			M	12	0	2914185	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
31	SHELL OIL CO.			M	12	0	2914186	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
32	SHELL OIL CO.			M	12	0	2914187	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
33	SHELL OIL CO.			M	12	0	2914188	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
34	SHELL OIL CO.			M	12	0	2914189	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
35	SHELL OIL CO.			M	12	0	2914190	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
36	SHELL OIL CO.			M	12	0	2914191	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
37	SHELL OIL CO.			E	14	5	2914192	11/30/1984	2913679	401806	740326	HAND	1/28/1985			
38	THOMAS TRAVIS			D1&2	120	10	2914244	10/5/1984	2913695	401819	740219	PETE				
39	AMOCO OIL CO.			M	17	0	2914593	1/15/1985	2913647	401846	740352	HAND	5/22/1985			
40	AMOCO OIL CO.			M	17	0	2914594	1/15/1985	2913647	401846	740352	HAND	5/22/1985			
41	AMOCO OIL CO.			M	17	0	2914595	1/15/1985	2913647	401846	740352	HAND	5/22/1985			
42	AMOCO OIL CO.			M	17	0	2914596	1/15/1985	2913647	401846	740352	HAND	5/22/1985			
43	DYE ARLE			R1	200	8	2914980	5/5/1985	2913653	401912	740246	AJWD	10/23/1985			
44	MODERATE INCOME			G	200	40	2915008	5/5/1985	2913689	401806	740246	P1CK	8/12/1985			
45	DEVITO RALPH			R	80	15	2915297	8/7/1985	2913931	401752	740232	P1CK	9/4/1985			
46	BERWEILER NORMAN			D	70	15	2915836	12/10/1985	2913697	401806	740232	P1CK	2/24/1986			
47	FARRAH RICHARD			D	100	10	2917404	10/21/1986	2913689	401806	740246	T1GE	12/8/1986			
48	RED BANK REGISTER	1 REGISTER PLAZA	TBO9	B	20	0	2919007	7/21/1987	2913645	401906	740346	MORT	1/7/1993	8/4/1987	25	SHEARIN GEORGE H.
49	HILDEBRANDS CABINETS	105 CLINTON AVE	P2	M	12	0	2920626	5/13/1988	2913676	401826	740333	ONTE	11/15/1993	6/5/1988	12	ONTEK LOUIS
50	HILDEBRANDS CABINETS	105 CLINTON AVE	P3	M	12	0	2920627	5/13/1988	2913676	401826	740333	ONTE	11/15/1993	6/5/1988	12	ONTEK LOUIS
51	HILDEBRANDS CABINETS	105 CLINTON AVE	P4	M	12	0	2920628	5/13/1988	2913676	401826	740333	ONTE	11/15/1993	6/5/1988	12	ONTEK LOUIS
52	KHATAMI DR.			G	200	15	2921172	9/1/1988	2913658	401853	740306	T1GE	1/23/1989			
53	ALLIED SIGNAL			W	40	20	2922103	2/6/1989	2913679	401813	740333	MATH	2/22/1989			
54	ALLIED SIGNAL			W	40	20	2922104	2/6/1989	2913679	401813	740333	MATH	2/22/1989			
55	ALLIED SIGNAL			W	40	20	2922120	2/1/1989	2913679	401813	740333	MATH	2/27/1989			
56	KHRISTIANSEN A.	TRAFZLOAR PLACE		G	60	10	2922571	4/14/1989	2913653	401920	740253	KAYE	6/16/1989	4/24/1989	55	POPPE GARY
57	EXXON COMPANY	RT 35 & RT 36	W1	M	27	0	2922934	6/1/1989	2913925	401746	740306	HAND	3/12/1990	4/7/1989	27	
58	EXXON COMPANY	RT 35 & RT 36	W2	M	27	0	2922935	6/1/1989	2913925	401746	740306	HAND	3/12/1990	4/7/1989	25.5	
59	EXXON COMPANY	RT 35 & RT 36	W3	M	27	0	2922936	6/1/1989	2913925	401746	740306	HAND	3/12/1990	4/7/1989	28	

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	WELL OWNER	WELL ADDRESS	WELL DESIGNATION	WELL USE CODE	WELL DEPTH (ft)	WELL CAPACITY	PERMIT NUMBER	PERMIT DATE	NJGRID	LATITUDE	LONGITUDE	DRILLER	WELLDATE	COMP. DATE	FIN. DEPTH	WELL CONTACT (if identified)
60	EXXON COMPANY	RT 35 & RT 36	W4	M	27	0	2922937	6/1/1989	2913925	401746	740306	HAND	3/12/1990	4/7/1989	27	
61	EXXON COMPANY	RT 35 & RT 36	W5	M	27	0	2923017	6/19/1989	2913925	401746	740306	HAND	3/12/1990	4/7/1989	27	
62	EXXON COMPANY	RT 35 & RT 36	W6	M	27	0	2923018	6/19/1989	2913925	401746	740306	HAND	3/12/1990	6/30/1989	26.5	
63	EXXON COMPANY	RT 35 & RT 36	W7	M	27	0	2923019	6/19/1989	2913925	401746	740306	HAND	3/12/1990	6/30/1989	28	
64	EXXON COMPANY	RT 35 & RT 36	W8	M	27	0	2923020	6/19/1989	2913925	401746	740306	HAND	3/12/1990	6/30/1989	28	
65	NEW JERSEY NATURAL G	MAIN ST	P	Y	250	0	2923076	6/29/1989	2913672	401839	740346	T1GE	6/9/1994	7/24/1989	220	DENNIS BUCHANNAON
66	SHELL OIL CO.	RT 35 & RT 36	SB1	B	6	0	2923162	7/17/1989	2913678	401813	740346	HAND	12/21/1993	6/5/1989		
67	SHELL OIL CO.	RT 35 & RT 36	SB2	B	6	0	2923163	7/17/1989	2913678	401813	740346	HAND	12/21/1993	6/5/1989		
68	US ARMY	SALTZMAN AVE	1	M	30	0	2923677	11/3/1989	2913665	401906	740226	MYBL	3/12/1990	11/2/1989	15	MYERS GREGORY
69	US ARMY	SALTZMAN AVE	2	M	30	0	2923678	11/3/1989	2913665	401906	740226	MYBL	3/12/1990	11/2/1989	17	MYERS GREGORY
70	US ARMY	SALTZMAN AVE	3	M	30	0	2923679	11/3/1989	2913665	401906	740226	MYBL	3/12/1990	11/2/1989	15	MYERS GREGORY
71	US ARMY	SALTZMAN AVE	4	M	30	0	2923680	11/3/1989	2913665	401906	740226	MYBL	3/12/1990	11/2/1989	20	MYERS GREGORY
72	BERWEILER DENNIS	ORCHARD ST		D	69	15	2923690	11/2/1989	2913689	401813	740253	P1CK	7/20/1990	4/5/1990	67	PRIMOST ALLEN
73	US ARMY	176 RIVERSIDE DRIVE		M	30	0	2924639	4/27/1990	2913665	401906	740226	MYBL	7/12/1990	5/1/1990	15	MYERS GREGORY
74	US ARMY	176 RIVERSIDE DRIVE		M	30	0	2924640	4/27/1990	2913665	401906	740226	MYBL	7/12/1990	5/1/1990	14	MYERS GREGORY
75	WHALE POND DEV CORP	GINGERCOURT		G	130	20	2924702	5/8/1990	2913916	401746	740333	COLN	6/2/1990	5/15/1990	95	COLANGELO GERALD
76	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	1	M	40	0	2925316	10/4/1990	2913675	401826	740346	MYBL	7/12/1991	10/8/1990	15	MOORE DENNIS C.
77	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	2	M	40	0	2925317	10/4/1990	2913675	401826	740346	MYBL	7/12/1991	10/8/1990	15	MOORE DENNIS C.
78	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	3	M	40	0	2925318	10/4/1990	2913675	401826	740346	MYBL	7/12/1991	10/8/1990	15	MOORE DENNIS C.
79	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	4	M	40	0	2925319	10/4/1990	2913675	401826	740346	MYBL	7/12/1991	10/8/1990	15	MOORE DENNIS C.
80	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	5	M	40	0	2925320	10/4/1990	2913675	401826	740346	MYBL	7/12/1991	10/8/1990	15	MOORE DENNIS C.
81	CORTELYOU	HIGH TEC	1	M	20	0	2925357	10/12/1990	2913693	401839	740213	W1LS	10/19/1990	10/15/1990	19	ECCLESTON RAYMOND
82	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	6	M	40	0	2926053	4/2/1991	2913675	401826	740346	MYBL	7/25/1991	10/8/1990	15	MOORE DENNIS C.
83	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	7	M	40	0	2926054	4/2/1991	2913675	401826	740346	MYBL	7/25/1991	10/8/1990	15	MOORE DENNIS C.
84	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	8	M	40	0	2926055	4/2/1991	2913675	401826	740346	MYBL	7/25/1991	10/8/1990	15	MOORE DENNIS C.
85	MOBIL OIL CORPORATIO	1200 RTE 22 EAST	9	M	40	0	2926056	4/2/1991	2913675	401826	740346	MYBL	7/25/1991	10/8/1990	15	MOORE DENNIS C.
86	NJ BELL	77 THROCKMORTON AVE	1	M	25	0	2926116	4/16/1991	2913672	401839	740346	HAND	6/8/1995	4/30/1991	20	JARDOT VINCENT J.
87	PRICE COMMUNICATIONS	1 REGISTER PLAZA	1	M	10	0	2926185	5/14/1991	2913647	401853	740400	GRA1I	6/18/1991	5/14/1991	28	DILLON MICHAEL G.
88	KODAMA MRS. H.	83 SUNNYBROOK DR		D	230	15	2926704	8/8/1991	2913653	401920	740253	KAYE	10/15/1991	8/28/1991	250	POPPE GARY
89	HUNTER WILLIAM	333 WILLOW DR	4	M	15	0	2926706	8/8/1991	2913643	401920	740333	W1LS	9/5/1991	8/23/1991	15	WILSON ALLEN J.
90	HUNTER WILLIAM	W1LLOW	5	M	15	0	2926707	8/8/1991	2913643	401920	740333	W1LS	9/5/1991	8/23/1991	15	WILSON ALLEN J.
91	HUNTER WILLIAM	W1LLOW	6	M	15	0	2926708	8/8/1991	2913644	401906	740400	W1LS	9/5/1991	8/23/1991	15	WILSON ALLEN J.
92	EXXON CORP	1200 SMITH ST	MW-1	M	20	0	2926806	9/10/1991	2913678	401813	740346	ADVA	10/17/1991	9/11/1991	15	SPRONZ KEVIN F.
93	EXXON CORP	1200 SMITH ST	2	M	20	0	2926807	9/10/1991	2913678	401813	740346	ADVA	10/17/1991	9/11/1991	16	SPRONZ KEVIN F.
94	EXXON CORP	1200 SMITH ST	3	M	20	0	2926808	9/10/1991	2913678	401813	740346	ADVA	10/17/1991	9/11/1991	17	SPRONZ KEVIN F.
95	EXXON CORP	1200 SMITH ST	4	M	20	0	2926809	9/10/1991	2913678	401813	740346	ADVA	10/17/1991	9/11/1991	17	SPRONZ KEVIN F.
96	EATONTOWN BOARD OF E	250 PINE BROOK RD	1	M	15	0	2926865	9/19/1991	2913675	401826	740346	GRA1I	10/15/1991	9/20/1991	12	VOGT JOHN
97	EATONTOWN BOARD OF E	250 PINE BROOK RD	2	M	15	0	2926866	9/19/1991	2913675	401826	740346	GRA1I	10/15/1991	9/20/1991	12	VOGT JOHN
98	EATONTOWN BOARD OF E	250 PINE BROOK RD	3	M	15	0	2926867	9/19/1991	2913675	401826	740346	GRA1I	10/15/1991	9/20/1991	12	VOGT JOHN
99	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OWI	M	20	0	2927289	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/17/1991	16.7	WOLF STEVE
100	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW2	M	20	0	2927290	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/17/1991	16.1	WOLF STEVE
101	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW3	M	20	0	2927291	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/17/1991	16.3	WOLF STEVE
102	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW4	M	20	0	2927292	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/20/1991	16.9	WOLF STEVE
103	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	0W5	M	20	0	2927293	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/20/1991	15.7	WOLF STEVE
104	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	0W6	M	20	0	2927294	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/20/1991	16.5	WOLF STEVE
105	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW7	M	20	0	2927295	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/17/1991	16.4	WOLF STEVE
106	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW8	M	20	0	2927296	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/17/1991	16.5	WOLF STEVE
107	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW2O	M	20	0	2927297	12/10/1991	2913913	401800	740333	REXR	2/25/1992	1/6/1992	50	WOLF STEVE
108	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW21	M	53	0	2927298	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/12/1991	22.5	WOLF STEVE
109	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW22	M	53	0	2927299	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/12/1991	22.7	WOLF STEVE
110	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW23	M	53	0	2927300	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/13/1991	20.4	WOLF STEVE
111	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW24	M	53	0	2927301	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/11/1991	20.3	WOLF STEVE
112	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW25	M	53	0	2927302	12/10/1991	2913913	401800	740333	REXR	2/25/1992	12/16/1991	15	WOLF STEVE
113	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW26	M	53	0	2927303	12/10/1991	2913913	401800	740333	REXR	2/25/1992	1/3/1992	44	WOLF STEVE
114	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW27	M	53	0	2927304	12/10/1991	2913913	401800	740333	REXR	2/25/1992	12/16/1991	20	WOLF STEVE
115	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW28	M	53	0	2927305	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/12/1991	17.6	WOLF STEVE
116	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	MW29	M	53	0	2927306	12/10/1991	2913913	401800	740333	REXR	2/18/1992	12/11/1991	22.5	WOLF STEVE
117	V.J. RUSSO REALTY	170 AVENUE OF COMMONS		G	200	40	2927755	3/31/1992	2913643	401920	740333	K.AYE	8/12/1992	6/17/1992	250	POPPE GARY
118	MOBIL OIL CORP.	1200 RTE 22 EAST	RW1	E	18	2	2927770	4/2/1992	2913676	401826	740333	MRS1	4/21/1992	4/2/1992	23	CHRISTOPHER WARREN

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119	MOBIL OIL CORP.	1200 RTE 22 EAST	RW2	E	18	2	2927771	4/2/1992	2913676	401826	740333	MRS1	4/21/1992	4/2/1992	18	CHRISTOPHER WARREN
120	MOBIL OIL CORP.	1200 RTE 22 EAST	RW3	E	18	2	2927772	4/2/1992	2913676	401826	740333	MRS1	4/21/1992	4/3/1992	18	CHRISTOPHER WARREN
121	MOBIL OIL CORP.	1200 RTE 22 EAST	RW4	E	18	2	2927773	4/2/1992	2913676	401826	740333	MRS1	4/21/1992	4/3/1992	18	CHRISTOPHER WARREN
122	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW9	M	20	0	2927928	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/5/1992	16	WOLF STEVE
123	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW1O	M	20	0	2927929	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/5/1992	16	WOLF STEVE
124	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW11	M	20	0	2927930	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/5/1992	16	WOLF STEVE
125	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW12	M	20	0	2927931	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/6/1992	16	WOLF STEVE
126	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW13	M	20	0	2927932	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/6/1992	16	WOLF STEVE
127	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	0W14	M	20	0	2927933	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/5/1992	16	WOLF STEVE
128	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OWIS	M	20	0	2927934	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/6/1992	16	WOLF STEVE
129	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW16	M	20	0	2927935	4/30/1992	2913921	401800	740319	REXR	7/13/1992	5/6/1992	16	WOLF STEVE
130	RPMI	7 VIOLANTE COURT		G	25	10	2913593	6/2/1992		401839	740413		9/9/1992	6/5/1992	40	MAYER RAYMOND
131	EATONTOWN BOROUGH	47 BROAD ST	MW-1	M	20	0	2928236	6/18/1992	2913676	401826	740333	TABA	7/9/1992	6/18/1992	20	HITZELBERGER KARL
132	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW2	M	50	0	2928915	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/30/1992	40	WOLF STEVE
133	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW-1	M	50	0	2928916	10/15/1992	2913913	401800	740333	REXR	11/25/1992	11/2/1992	42	WOLF STEVE
134	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW-3	M	50	0	2928917	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/30/1992	45	WOLF STEVE
135	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	SW-3	M	50	0	2928918	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	10	WOLF STEVE
136	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	SW-1	M	50	0	2928919	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	10	WOLF STEVE
137	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	SW-2	M	50	0	2928920	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	10	WOLF STEVE
138	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	VO-4	M	50	0	2928921	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	12	WOLF STEVE
139	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	VO-3	M	50	0	2928922	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	12	WOLF STEVE
140	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	VO-2	M	50	0	2928923	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	12	WOLF STEVE
141	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	VO-I	M	50	0	2928924	10/15/1992	2913913	401800	740333	REXR	11/25/1992	10/29/1992	12	WOLF STEVE
142	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	RW1	E	45	25	2929001	10/27/1992	2913913	401800	740333	REXR	2/5/1993	10/28/1992	44	WOLF STEVE
143	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	VW1	V	15	0	2929002	10/27/1992	2913913	401800	740333	REXR	2/5/1993	10/29/1992	12	WOLF STEVE
144	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW17	M	15	0	2929114	11/24/1992	2913913	401800	740333	REXR	12/10/1992	12/1/1992	17	WOLF STEVE
145	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OWIS	M	15	0	2929115	11/24/1992	2913913	401800	740333	REXR	12/10/1992	12/1/1992	16.2	WOLF STEVE
146	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW19	M	15	0	2929116	11/24/1992	2913913	401800	740333	REXR	12/10/1992	11/30/1992	15.1	WOLF STEVE
147	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	0W20	M	15	0	2929117	11/24/1992	2913913	401800	740333	REXR	12/10/1992	11/30/1992	15.2	WOLF STEVE
148	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW21	M	15	0	2929118	11/24/1992	2913913	401800	740333	REXR	12/10/1992	11/30/1992	14.5	WOLF STEVE
149	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	OW22	M	15	0	2929119	11/24/1992	2913913	401800	740333	REXR	12/10/1992	11/30/1992	14.4	WOLF STEVE
150	ALLIED SIGNAL INC.	COLUMBIA RD & PARK AVE	0W23	M	15	0	2929120	11/24/1992	2913913	401800	740333	REXR	12/10/1992	12/1/1992	14	WOLF STEVE
151	EATONTOWN BOROUGH OF	47 BROAD ST	MW2	M	20	0	2929158	12/8/1992	2913673	401839	740333	TABA	1/19/1993	12/9/1992	20	HITZELBERGER KARL
152	EATONTOWN BOROUGH OF	47 BROAD ST	MW3	M	20	0	2929159	12/8/1992	2913673	401839	740333	TABA	1/19/1993	12/9/1992	18	HITZELBERGER KARL
153	DAVIS G.R. MR.&M			R1	100	10	2929422	3/23/1993	2913923	401800	740253	COLN	4/26/1993	3/31/1993	114	VAN BRUNT DAVID JR.
154	GETTY PETROLEUM CORP	86 DOREMUS AVE	MW1	M	15	0	2929627	5/4/1993	2913681	401839	740319	TYRE	6/18/1993	5/7/1993	10	BECK MICHAEL E.
155	GETTY PETROLEUM CORP	157 BROAD ST.	MW2	M	15	0	2929628	5/4/1993	2913681	401839	740319	TYRE	7/22/1993	5/7/1993	10	BECK MICHAEL E.
156	GETTY PETROLEUM CORP	157 BROAD ST.	MW3	M	15	0	2929629	5/4/1993	2913681	401839	740319	TYRE	7/22/1993	5/7/1993	10	BECK MICHAEL E.
157	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW36	M	45	0	2930115	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/25/1993	12.2	WOLF STEVE
158	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW37	M	45	0	2930116	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/25/1993	26	WOLF STEVE
159	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW38	M	45	0	2930117	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/26/1993	37.5	WOLF STEVE
160	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW33	M	45	0	2930118	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/30/1993	12	WOLF STEVE
161	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW34	M	45	0	2930119	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/30/1993	22	WOLF STEVE
162	ALLIED SIGNAL INC.	118 HIGHWAY 35	MW35	M	45	0	2930120	8/19/1993	2913912	401800	740346	AQU1	9/30/1993	8/30/1993	32.5	WOLF STEVE
163	MASON CARL	126 S. PEMBERTON AVENUE	W1	G	20	10	2930388	11/1/1993	2913683	401839	740253	PARE	2/28/1995	1/12/1995	25	PARENT GARY
164	EATONTOWN BOARD OF E	7 GRANT AVENUE	1	M	20	0	2930480	11/18/1993	2913911	401800	740400	UN1T	1/6/1994	11/24/1993	15	CONOVER DAVID A.
165	ALLIED SIGNAL INC.	39 COLUMB1AN ROAD		M	35	0	2930494	11/24/1993	2913912	401800	740346	REXR	12/14/1993	11/30/1993	18	PUENTE CARLOS
166	ALLIED SIGNAL INC.	40 COLUMBIAN ROAD		M	35	0	2930495	11/24/1993	2913912	401800	740346	REXR	12/14/1993	11/29/1993	30	PUENTE CARLOS
167	US ARMY FORT MONMOUTH		MW-1	M	15	0	2930961	4/5/1994	2913667	401853	740240	TYRE	7/27/1994	7/15/1994	13	BECK MICHAEL E.
168	US ARMY FORT MONMOUTH		MW-1	M	15	0	2930965	4/5/1994	2913655	401906	740306	TYRE	7/27/1994	7/11/1994	15	BECK MICHAEL E.
169	US ARMY FORT MONMOUTH			M	15	0	2930966	4/5/1994	2913656	401906	740253	TYRE	7/27/1994	7/15/1994	13	BECK MICHAEL E.
170	US ARMY FORT MONMOUTH			M	15	0	2930967	4/5/1994	2913656	401906	740253	TYRE	7/27/1994	7/14/1994	13	BECK MICHAEL E.
171	US ARMY FORT MONMOUTH		MW-1	M	15	0	2930968	4/5/1994	2913656	401906	740253	TYRE	7/27/1994	7/8/1994	15	BECK MICHAEL E.
172	US ARMY FORT MONMOUTH		MW-7	M	15	0	2930973	4/5/1994	2913664	401906	740240	TYRE	7/27/1994	7/12/1994	13	BECK MICHAEL E.
173	US ARMY FORT MONMOUTH		MW-S	M	15	0	2930974	4/5/1994	2913664	401906	740240	TYRE	7/27/1994	7/12/1994	13	BECK MICHAEL E.
174	US ARMY FORT MONMOUTH		MW-1	M	15	0	2930979	4/5/1994	2913656	401906	740253	TYRE	7/27/1994	7/11/1994	15	BECK MICHAEL E.
175	US ARMY FORT MONMOUTH		MW-1	M	15	0	2930980	4/5/1994	2913664	401906	740240	TYRE	7/27/1994	7/13/1994	13	BECK MICHAEL E.
176	MOBIL OIL CORPORATIO	ROUTE 35 & T1NTON AVENUE	MW-10	M	20	0	2931325	5/23/1994	2913671	401839	740400	KAVL	6/29/1994	6/3/1994	9	KAVLUNAS
177	EATONTOWN BOROUGH	131 LEW1S ST	1	M	20	0	2931561	7/5/1994	2913599	401813	740413	GARS	8/30/1994	8/16/1994	14	LOVENBERG WILLIA M

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	WELL OWNER	WELL ADDRESS	WELL DESIGNATION	WELL USE CODE	WELL DEPTH (ft)	WELL CAPACITY	PERMIT NUMBER	PERMIT DATE	NJGRID	LATITUDE	LONGITUDE	DRILLER	WELLDATE	COMP. DATE	FIN. DEPTH	WELL CONTACT (if identified)
178	EATONTOWN BOROUGH	131 LEW1S ST	2	M	20	0	2931562	7/5/1994	2913599	401813	740413	GARS	8/30/1994	8/16/1994	13	LOVENBERG WILLIA M
179	EATONTOWN BOROUGH	131 LEW1S ST	1	M	20	0	2931563	7/5/1994	2913599	401813	740413	GARS	8/30/1994	8/15/1994	13	LOVENBERG WILLIA M
180	EATONTOWN BOROUGH	131 LEW1S ST	1	M	20	0	2931585	7/8/1994	2913675	401826	740346	GARS	8/30/1994	8/15/1994	19	LOVENBERG WILLIA M
181	WENZEL ARNOLD	ROUTE 35 & KREMER	MW-1	M	20	0	2931624	7/12/1994	2913678	401813	740346	PARE	8/1/1994	7/28/1994	11	PARENT GARY
182	SHELL OIL COMPANY	RT 35 & SOUTH ST	MW13	M	20	0	2931681	7/21/1994	2913679	401813	740333	RAND	10/17/1994	8/17/1994	16	JARDOT
183	SHELL OIL COMPANY	RT 35 & SOUTH ST	MW14	M	20	0	2931682	7/21/1994	2913679	401813	740333	HAND	10/17/1994	8/17/1994	16	JARDOT
184	US ARMY FORT MONMOUTH	SELFM-PW-EV	MWI	M	15	0	2931772	8/3/1994	2913664	401906	740240	TYRE	10/13/1994	9/14/1994	12.5	BECK MICHAEL E.
185	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931773	8/3/1994	2913664	401906	740240	TYRE	10/13/1994	9/14/1994	10	BECK MICHAEL E.
186	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931774	8/3/1994	2913664	401906	740240	TYRE	10/13/1994	9/15/1994	13	BECK MICHAEL E.
187	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931775	8/3/1994	2913664	401906	740240	TYRE	10/13/1994	9/22/1994	12	BECK MICHAEL E.
188	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931776	8/3/1994	2913651	401920	740319	TYRE	10/13/1994	9/13/1994	17.5	BECK MICHAEL E.
189	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931777	8/3/1994	2913651	401920	740319	TYRE	10/13/1994	9/23/1994	12	BECK MICHAEL E.
190	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931778	8/3/1994	2913651	401920	740319	TYRE	10/13/1994	10/4/1994	12.5	BECK MICHAEL E.
191	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW2	M	15	0	2931779	8/3/1994	2913651	401920	740319	TYRE	10/13/1994	10/5/1994	12.5	BECK MICHAEL E.
192	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931780	8/3/1994	2913656	401906	740253	TYRE	10/13/1994	9/13/1994	12.5	BECK MICHAEL E.
193	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW2	M	15	0	2931781	8/3/1994	2913656	401906	740253	TYRE	10/13/1994	9/13/1994	12.5	BECK MICHAEL E.
194	US ARMY FORT MONMOUTH	SELFM-PW-EV		M	15	0	2931782	8/3/1994	2913656	401906	740253	TYRE	10/13/1994	9/13/1994	12.5	BECK MICHAEL E.
195	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW5	M	15	0	2931783	8/3/1994	2913651	401920	740319	TYRE	10/13/1994	9/23/1994	12.5	BECK MICHAEL E.
196	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931784	8/3/1994	2913654	401906	740319	TYRE	10/13/1994	9/22/1994	12.5	BECK MICHAEL E.
197	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931785	8/3/1994	2913655	401906	740306	TYRE	10/13/1994	9/12/1994	15	BECK MICHAEL E.
198	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931787	8/3/1994	2913643	401920	740333	TYRE	10/13/1994	9/26/1994	12.5	BECK MICHAEL E.
199	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2931788	8/3/1994	2913643	401920	740333	TYRE	10-25-994	10/17/1994	20	BECK MICHAEL E.
200	US ARMY FORT MONMOUTH	SELFM-PW-EV	MW1	M	15	0	2932115	9/14/1994	2913645	401906	740346	TYRE	10/13/1994	9/26/1994	12	BECK MICHAEL E.
201	US ARMY ENGINEERS DI	SHER1LL & MESS1NGER AVES	B3	B	30	0	2932189	10/4/1994	2913655	401906	740306	GEOR	10/26/1994	10/21/1994	12	KURZYNOWSKI JOSEPH
202	US ARMY ENGINEERS DI	SHER1LL & MESS1NGER AVES	B1	B	30	0	2932190	10/4/1994	2913655	401906	740306	GEOR	10/26/1994	10/19/1994	47	KURZYNOWSKI JOSEPH
203	US ARMY ENGINEERS DI	SHER1LL & MESS1NGER AVES	B2	B	30	0	2932191	10/4/1994	2913655	401906	740306	GEOR	10/26/1994	10/20/1994	32	KURZYNOWSKI JOSEPH
204	US ARMY ENGINEERS DI	SHER1LL & MESS1NGER AVES	B4	B	30	0	2932192	10/4/1994	2913655	401906	740306	GEOR	10/26/1994	10/20/1994	27	KURZYNOWSKI
205	U. S. ARMY (DIRECTOR	BLDG 167	MW-12	M	25	0	2932560	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	12/20/1994	15	BURGER
206	U. S. ARMY (DIRECTOR	BLDG 167	MW-13	M	25	0	2932561	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/17/1995	15	REEVE
207	U. S. ARMY (DIRECTOR	BLDG 167	MW-14	M	25	0	2932562	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/16/1995	15	REEVE
208	U. S. ARMY (DIRECTOR	BLDG 167	MW-1S	M	25	0	2932563	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/17/1995	15	REEVE
209	U. S. ARMY (DIRECTOR	BLDG 167	MW-24	M	25	0	2932565	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/13/1995	15	REEVE
210	U. S. ARMY (DIRECTOR	BLDG 167	MW-25	M	25	0	2932566	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/13/1995	15	REEVE
211	U. S. ARMY (DIRECTOR	BLDG 167	B4MWO4	M	25	0	2932567	11/29/1994	2913656	401906	7402	ANDE	4/20/1995	1/9/1995	15	REEVE
212	U. S. ARMY (DIRECTOR	BLDG 167	MW-4	M	25	0	2932568	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	1/11/1995	23	BURGER
213	U. S. ARMY (DIRECTOR	BLDG 167	MW-S	M	25	0	2932569	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	1/9/1995	16	BURGER
214	U. S. ARMY (DIRECTOR	BLDG 167	MW-+6	M	25	0	2932570	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	1/1/1995	15	REEVE
215	U. S. ARMY (DIRECTOR	BLDG 167	MW-7	M	25	0	2932571	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	12/14/1994	16	BURGER
216	U. S. ARMY (DIRECTOR	BLDG 167	MW-S	M	25	0	2932572	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	12/13/1994	19	BURGER
217	U. S. ARMY (DIRECTOR	BLDG 167	MW-9	M	25	0	2932573	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	12/13/1994	22	BURGER
218	U. S. ARMY (DIRECTOR	BLDG 167	MW1O	M	25	0	2932574	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	12/14/1994	15	BURGER
219	U. S. ARMY (DIRECTOR	BLDG 167	MW11	M	25	0	2932575	11/29/1994	2913655	401906	7403	ANDE	4/20/1995	12/15/1994	15	BURGER
220	U. S. ARMY (DIRECTOR	BLDG 167	MW16	M	25	0	2932576	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/4/1995	15	BURGER
221	U. S. ARMY (DIRECTOR	BLDG 167	MW17	M	25	0	2932577	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/11/1995	15	BURGER
222	U. S. ARMY (DIRECTOR	BLDG 167	MW18	M	25	0	2932578	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/11/1995	15	BURGER
223	U. S. ARMY (DIRECTOR	BLDG 167	MW19	M	25	0	2932579	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/4/1995	15	BURGER
224	U. S. ARMY (DIRECTOR	BLDG 167	MW2O	M	25	0	2932580	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/4/1995	15	REEVE
225	U. S. ARMY (DIRECTOR	BLDG 167	MW21	M	25	0	2932581	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/4/1995	16	BURGER
226	U. S. ARMY (DIRECTOR	BLDG 167	MW22	M	25	0	2932582	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	12/15/1994	15	REEVE
227	U. S. ARMY (DIRECTOR	BLDG 167	B5	M	25	0	2932583	11/29/1994	2913668	401853	7402	ANDE	4/20/1995	1/11/1995	15	REEVE
228	U. S. ARMY (DIRECTOR	BLDG 167	MW-O1	M	25	0	2932584	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	12/14/1995	22	REEVE
229	U. S. ARMY (DIRECTOR	BLDG 167	MW-02	M	25	0	2932585	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	12/13/1995	17	REEVE WELLINGTON
230	U. S. ARMY (DIRECTOR	BLDG 167	MW-03	M	25	0	2932586	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	12/13/1995	15	REEVE WELLINGTON
231	U. S. ARMY (DIRECTOR	BLDG 167	MW-O1B	M	25	0	2932587	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	1/9/1995	14	BURGER JR. STEVAN
232	U. S. ARMY (DIRECTOR	BLDG 167	MW-02B	M	25	0	2932588	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	1/6/1995	20	BURGER JR. STEVAN
233	U. S. ARMY (DIRECTOR	BLDG 167	MW-03B	M	25	0	2932589	11/29/1994	2913681	401839	7403	ANDE	4/20/1995	1/9/1995	26	BURGER JR. STEVAN
234	UNITED STATES GOVERN	FORTH MONMOUTH ARMY BASE	B1-B10	B	50	0	2932743	1/20/1995	2913656	401906	740253	UN1T	3/6/1995	2/9/1995	50	JESTER JOSEPH
235	ALLIED SIGNAL AEROSP	188 H1GHWAY 355	SB1	B	50	0	2932837	2/15/1995	2913913	401800	740333	BBDR	4/1/1996	2/24/1995	0	YEATON JONATHAN
236	ALLIED SIGNAL EROSP	188 H1GHWAY 355	DW-1	M	50	0	2932838	2/15/1995	2913913	401800	740333	BBDR	4/1/1996	2/21/1995	34	YEATON JONATHAN

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	WELL OWNER	WELL ADDRESS	WELL DESIGNATION	WELL USE CODE	WELL DEPTH (ft)	WELL CAPACITY	PERMIT NUMBER	PERMIT DATE	NJGRID	LATITUDE	LONGITUDE	DRILLER	WELLDATE	COMP. DATE	FIN. DEPTH	WELL CONTACT (if identified)
237	ALLIED SIGNAL AEROSP	188 H1GHWAY 355	SW-1	M	50	0	2932839	2/15/1995	2913913	401800	740333	BBDR	4/1/1996	2/22/1995	12	YEATON JONATHAN
238	ALLIED SIGNAL AEROSP	188 H1GHWAY 355	DW-2	M	50	0	2932840	2/15/1995	2913913	401800	740333	BBDR	4/1/1996	2/28/1995	50	YEATON JONATHAN
239	ALLIED SIGNAL AEROSP	188 H1GHWAY 355	DW-3	M	50	0	2932841	2/15/1995	2913913	401800	740333	BBDR	12/14/1995	3/1/1995	54	YEATON JONATHAN
240	SHELL OIL COMPANY	RT. 35	MW-1S	M	1S	0	2933275	5/5/1995	2913679	401813	740333	HAND	9/21/1995	9/5/1995	15	O'SHAUGHNESSEY CHRI
241	SHELL OIL COMPANY	RT. 35	MW-16	M	15	0	2933276	5/5/1995	2913679	401813	740333	HAND	9/21/1995	9/5/1995	15	O'SHAUGHNESSEY CHRI
242	SHELL OIL COMPANY	RT. 35 & SOUTH ST	RW-3	E	15	5	2933641	6/23/1995	2913679	401813	740333	HAND	8/10/1995	8/2/1995	21	O'SHAUGHNESSEY CHRI
243	SHELL OIL COMPANY	RT. 35 & SOUTH ST	RW-2	E	15	5	2933642	6/23/1995	2913679	401813	740333	HAND	8/10/1995	8/2/1995	21	O'SHAUGHNESSEY CHRI
244	EATONTOWN BOROUGH OF	20 LEW1S STREET	MW-7	M	20	0	2933769	7/19/1995	2913659	401853	740253	PARE	7/31/1995	7/25/1995	13	PARENT GARY
245	EATONTOWN BOROUGH OF	20 LEW1S STREET	MW8	M	20	0	2933770	7/19/1995	2913659	401853	740253	PARE	7/31/1995	7/25/1995	13	PARENT GARY
246	EATONTOWN BOROUGH OF	21 LEW1S STREET	MW-3	M	20	0	2933771	7/19/1995	2913659	401853	740253	PARE	7/31/1995	7/25/1995	13	PARENT GARY
247	EATONTOWN BOROUGH OF	21 LEW1S STREET	MW-4	M	20	0	2933772	7/19/1995	2913659	401853	740253	PARE	7/31/1995	7/25/1995	13	PARENT GARY
248	EATONTOWN BOROUGH OF	21 LEW1S STREET	MW-S	M	20	0	2933773	7/19/1995	2913659	401853	740253	PARE	7/31/1995	7/25/1995	13	PARENT GARY
249	GETTY PETROLEUM CORP	157 BROAD ST.	MW12	M	25	0	2934248	9/28/1995	2913684	401826	740319	AQU1	11/1/1995	10/4/1995	15	MALACK GERALD A
250	GETTY PETROLEUM CORP	157 BROAD ST.	MW11	M	25	0	2934249	9/28/1995	2913684	401826	740319	AQU1	11/1/1995	10/4/1995	15	MALACK GERALD A
251	GETTY PETROLEUM CORP	157 BROAD ST.	MW10	M	25	0	2934250	9/28/1995	2913684	401826	740319	AQU1	11/1/1995	10/5/1995	15	MALACK GERALD A
252	GETTY PETROLEUM CORP	157 BROAD ST.	MW9	M	25	0	2934251	9/28/1995	2913684	401826	740319	AQU1	11/1/1995	10/5/1995	15	MALACK GERALD A
253	GETTY PETROLEUM CORP	157 BROAD ST.	MW7	M	25	0	2934252	9/28/1995	2913684	401826	740319	AQU1	11/1/1995	10/5/1995	15	MALACK GERALD A
254	ALLIED SIGNAL-BENDIX	118 H1GHWAY 35	RW#3	E	45	4	2935127	4/2/1996	2913687	401813	740319	HAND	1/14/1997	10/3/1996	34	KOVELESKY STEVE
255	ALLIED SIGNAL-BENDIX	118 H1GHWAY 35	RW#4	E	45	4	2935128	4/2/1996	2913687	401813	740319	HAND	12/2/1996	10/3/1996	34	KOVELESKY STEVE
256	ALLIED SIGNAL-BENDIX	118 H1GHWAY	RW#2	E	45	4	2935129	4/2/1996	2913687	401813	740319	HAND	12/3/1996	10/4/1996	34	KOVELESKY STEVE
257	ALLIED SIGNAL-BENDIX	118 H1GHWAY 35	RW#6	E	45	4	2935130	4/2/1996	2913687	401813	740319	RAND	12/2/1996	10/4/1995	34	KOVELESKY STEVE
258	U. S. ARMY	COOREG1DOR RD.	MW281	M	50	0	2935312	5/1/1996	2913657	401853	740319	GRA1I	5/15/1996	5/2/1996	41	VOGT JOHN
259	U. S. ARMY	COOREG1DOR RD.	MW282	M	50	0	2935313	5/1/1996	2913657	401853	740319	GRA1I	5/15/2001	5/2/1996	16	VOGT JOHN
260	U. S. ARMY	COOREG1DOR RD.	MW291	M	50	0	2935314	5/1/1996	2913657	401853	740319	GR.AH	5/15/1996	5/3/1996	16	VOGT JOHN
261	BLAIR CHUCK	88 T1NTON AVE	B1 & 2	R5	275	0	2935458	5/28/1996	2913674	401826	740400	GEOH	12/2/1996	6/3/1996	...	WARD TOM P.
262	GETTY PETROLEUM CORP	157 BROAD ST	MW-13	M	20	0	2935585	6/19/1996	2913684	401826	740319	PARE	7/31/1996	7/3/1996	20	PARENT
263	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	RW5	E	35	4	2935931	8/29/1996	2913688	401813	740306	HAND	1/20/1996	10/7/1996	34	KOVELESKY
264	NESTAK CORP.	71 HIGHWAY 35	MW-1	M	20	0	2936951	5/16/1997	2913679	401813	740333	PARE	6/4/1997	5/20/1997	12	PARENT
265	SCAVONE MARJORIE	80 REYNOLDS DR	1	D	180	12	2937223	7/7/1997	2913931	401800	740240	RAYS	2/23/1998	10/29/1997	90	PETERS
266	MOBIL OIL CORP.	RTE 35 & W TRENTON AVE	MW-I1	M	15	0	2937524	8/26/1997	2913673	401839	740333	PARE	9/5/1997	9/3/1997	14	GRANESE
267	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	TRW-2	E	35	8	2937602	9/11/1997	2913688	401813	740306	HAND	10/24/1997	9/24/1997	22	KOVELESKY STEPHEN
268	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	TRW-3	E	35	8	2937603	9/11/1997	2913688	401813	740306	HAND	10/24/1997	9/24/1997	21.5	KOVELESKY STPHEN
269	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	U-2	E	35	8	2937604	9/11/1997	2913688	401813	740306	HAND	10/24/1997	9/24/1997	22	KOVELESKY STEPHEN
270	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	TRW-1	E	35	8	2937605	9/11/1997	2913688	401813	740306	HAND	10/24/1997	9/25/1997	21.5	KOVESLESKY STEPHEN
271	ALLIED SIGNAL/BENDIX	118 HIGHWAY 35	U-1	E	35	8	2937606	9/11/1997	2913688	401813	740306	HAND	10/24/1997	9/25/1997	21.5	KOVESLESKY STEPHEN
272	UNITED STATES ARMY	RT 35	SPG-1	V	25	0	2937737	10/8/1997	2913657	401853	740319	PARE	1/9/1998	12/2/1997	22	GRANESE
273	UNITED STATES ARMY	RT 35	SPG-2	V	25	0	2937738	10/8/1997	2913657	401853	740319	PARE	1/9/1998	12/2/1997	22	GRANESE
274	UNITED STATES ARMY	RT 35	SVE-1	V	25	0	2937739	10/8/1997	2913657	401853	740319	PARE	1/9/1998	12/2/1997	6	GRANESE
275	UNITED STATES ARMY	RT 35	SVE-2	V	25	0	2937740	10/8/1997	2913657	401853	740319	PARE	1/9/1998	12/2/1997	6	GRANESE
276	TUNGRIAN BOB & LISA	6 STIRRUP LN		R1	50	10	2937867	11/13/1997	2913932	401800	740226	RPM1	12/12/1997	11/16/1997	240	MAYER
277	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW1	M	25	0	2938090	1/15/1998	2913671	401839	740400	W1LS	3/24/1998	1/22/1998	15	WILSON ALLEN JR.
278	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW2	M	25	0	2938091	1/15/1998	2913671	401839	740400	W1LS	3/24/1998	1/23/1998	15	WILSON ALLEN JR.
279	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW3	M	25	0	2938092	01-1S-1998	2913671	401839	740400	W1LS	3/24/1998	1/22/1998	15	WILSON ALLEN JR.
280	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW4	M	25	0	2938093	1/15/1998	2913671	401839	740400	W1LS	3/24/1998	1/23/1998	14	WILSON ALLEN JR.
281	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW5	M	25	0	2938094	1/15/1998	2913671	401839	740400	W1LS	3/24/1998	1/23/1998	15	WILSON ALLEN JR.
282	NATIONAL REALTY & DE	COR. OF RTES. 35 & 13	MW6	M	25	0	293809S	1/15/1998	2913671	401839	740400	W1LS	3/24/1998	1/22/1998	16	WILSON ALLEN JR.
283	BURNS SUZANNE	1281 EATONTOWN BLVD		M	30	0	2938172	2/11/1998	2913695	401826	740226	PARE				
284	MONMOUTH GRACE U.M.	REYNOLDS DR		D	100	16	2938320	3/13/1998	2913923	401800	740253	AQUA				
285	SHELL OIL CO.	50 HIGHWAY RT. 35		M	20	0	2938643	5/13/1998	2913679	401813	740333	HAND				
286	SHELL OIL CO.	50 HIGHWAY RT. 35		M	20	0	2938644	5/13/1998	2913679	401813	740333	HAND				
287	ALLIED SIGNAL	118 RT 35 SOUTH		M	25	0	2938678	5/21/1998	2913678	401813	740346	HAND				
288	ALLIED SIGNAL/BENDIX	118 RT 35 SOUTH		J	20	0	2938679	5/21/1998	2913679	401813	740333	HAND				
289	ALLIED SIGNAL/BENDIX	118 RT 35 SOUTH		J	20	0	2938680	5/21/1998	2913679	401813	740333	HAND				
290	NATIONAL REALTY & DE	RT 35 & SHREWSBURY AVE		M	80	0	2939066	8/6/1998	2913647	401853	740400	GRA1I				
291	NATIONAL REALTY & DE	RT 35 & SHREWSBURY AVE		M	80	0	2939067	8/6/1998	2913647	401853	740400	GRA1I				
292	NATIONAL REALTY & DE	RT 35 & SHREWSBURY AVE		M	80	0	2939068	8/6/1998	2913647	401853	740400	GRA1I				
293	US ARMY FT. MONMOU	SELSM-EH-MC BLDG 2700		H	300	0	2939550	10/21/1998	2913695	401826	740226	STOT				
294	GETTY PROPERTIES CORP	157 BROAD ST		M	20	0	2939826	1/7/1999	2913681	401839	740319	AQU1				

NOTES

Well Search Summary
M-2 Landfill
Fort Monmouth, New Jersey

	WELL OWNER	WELL ADDRESS	WELL DESIGNATION	WELL USE CODE	WELL DEPTH (ft)	WELL CAPACITY	PERMIT NUMBER	PERMIT DATE	NJGRID	LATITUDE	LONGITUDE	DRILLER	WELLDATE	COMP. DATE	FIN. DEPTH	WELL CONTACT (if identified)

Source: State of New Jersey Department of Environmental Protection - Well Permitting and Regulations Section of the Bureau of Water Allocation, Trenton, NJ.
Search date: 18 January 2001.
Well search was performed for a 1-mile radius surrounding the center point of the M-2 Landfill, U.S. Army Garrison Fort Monmouth, Fort Monmouth, New Jersey.

Well Use Codes

A - Unknown/Well Record Use Only
B - Boring
C - Commercial
D - Domestic (Potable)
E - Recovery/Decontamination Pollution Control/Leachate with Pump Capacity
F - Fire
G - Irrigation
H - Heat Pump/Geothermal (Return Well)
I - Industrial
J - Injection
K - Inclinometer
L - Livestock
M - Monitoring Well (Observation)
N - Public Non Community
O - Oil/Gas Exploration
P - Public Supply
Q - Recharge
R - Replacement (Replacement Codes: 1 - Domestic; 2 - Public Community, 5 - Irrigation)
S - Closed Loop
T - Test
U - Non Public (Supply)
V - Gas Vent
W - Dewatering
X - Agricultural/Horticultural/IrrigationWells
Y - Cathodic Protection
Z - Piezometer

APPENDIX G

ANALYTICAL DATA PACKAGES
(under separate cover)

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 1
PCB GEOPROBE® SOIL AND GROUNDWATER INVESTIGATION
PRESENTED IN TABLES 1 (SOIL) & 2 (GROUNDWATER)
February/March 1999
October/November 1999
January/February/March 2000

VOLUME – 1
M-2 LANDFILL GEOPROBE® SOILS INVESTIGATION - VOC
PRESENTED IN TABLE 3
March-April 1999

VOLUME – 2
M-2 LANDFILL GEOPROBE® GROUNDWATER INVESTIGATION - VOC
PRESENTED IN TABLE 4
March-April 1999

VOLUME – 3
FORT MONMOUTH LONG-TERM MONITORING PROGRAM
QUARTERLY GROUNDWATER MONITORING WELL SAMPLING
PRESENTED IN TABLE 5

1997 2nd Quarter (2 & 8 May 1997), MW1 – MW3
1997 3rd Quarter (6 August 1997), MW1 – MW3
1997 4th Quarter (23 October 1997), MW1 – MW3
1998 1st Quarter (11 February 1998), MW1 – MW4
1998 2nd Quarter (23 April 1998), MW1 – MW4
1998 3rd Quarter (22 July 1998), MW1 – MW4
Round 1, MW5 – MW10 (19 October 1998)
Round 2, MW5 – MW10 (2 November 1998)
1998 4th Quarter (6 November 1998), MW1 – MW4
1999 1st Quarter (3 February 1999), MW1 – MW10
1999 2nd Quarter (15 June 1999), MW1 – MW10
1999 3rd Quarter (20 July 1999), MW1 – MW10

1999 4th Quarter (7 October 1999), MW1 – MW10
2000 1st Quarter (7 March 2000), MW1 – MW10
Round 1, MW11 – MW24, 31 May 2000
Round 2, MW11 – MW24, 13 June 2000

VOLUME – 4
FORT MONMOUTH LONG-TERM MONITORING PROGRAM
SURFACE WATER (STREAM) SAMPLING
PRESENTED IN TABLE 6

October 1996
November 1996
December 1996
29 January 1997
26 February 1997
10 March 1997
1997 2nd Quarter (8 April 1997)
1997 3rd Quarter (17 July 1997)
1997 4th Quarter (30 October 1997)
1998 1st Quarter (10 February 1998)
1998 2nd Quarter (21 April 1998)
1998 3rd Quarter (19 August 1998)
1998 4th Quarter (17 November 1998)
1999 1st Quarter (25 February 1999)
1999 2nd Quarter (29 June 1999)
1999 3rd Quarter (22 September 1999)
1999 4th Quarter (8 December 1999)
2000 1st Quarter (1 March 2000)
2000 2nd Quarter (12 June 2000) (Including Analysis for Total PCBs)

VOLUME – 4
SEDIMENT (STREAM) SAMPLING
PCB – INVESTIGATION
PRESENTED IN TABLE 7
April 2000

VOLUME – 4
SURFACE WATER (STREAM) SAMPLING
PCB - TIDAL INVESTIGATION
PRESENTED IN TABLE 8

Round 1 – High Tide, Approximately 8:30 AM (31 May 2000)
Round 1 – Low Tide, Approximately 3PM (1 June 2000)
Round 2 – Low Tide, Approximately 11AM (8 June 2000)
Round 2 – High Tide, Approximately 9AM (14 June 2000)

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 1

PCB GEOPROBE® SOIL AND GROUNDWATER INVESTIGATION PRESENTED IN TABLES 1 (SOIL) & 2 (GROUNDWATER)

February/March 1999
October/November 1999
January/February/March 2000

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: PCB's Delineation

M-2 PCB Investigation

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Field Blank	4281.02	Aqueous	17-Feb-99 10:45	02/17/99
1 0-6"	4281.03	Soil	17-Feb-99 11:10	02/17/99
1 12-18"	4281.04	Soil	17-Feb-99 11:10	02/17/99
1 24-30"	4281.05	Soil	17-Feb-99 11:10	02/17/99
1 36-42"	4281.06	Soil	17-Feb-99 11:10	02/17/99
1 48-54"	4281.07	Soil	17-Feb-99 11:10	02/17/99
1 60-66"	4281.08	Soil	17-Feb-99 11:10	02/17/99
2 0-6"	4281.09	Soil	17-Feb-99 12:00	02/17/99
2 12-18"	4281.10	Soil	17-Feb-99 12:00	02/17/99
2 24-30"	4281.11	Soil	17-Feb-99 12:00	02/17/99
2 36-42"	4281.12	Soil	17-Feb-99 12:00	02/17/99
2 48-54"	4281.13	Soil	17-Feb-99 12:00	02/17/99
2 60-66"	4281.14	Soil	17-Feb-99 12:00	02/17/99
3 0-6"	4281.15	Soil	17-Feb-99 13:25	02/17/99
3 12-18"	4281.16	Soil	17-Feb-99 13:25	02/17/99
3 24-30"	4281.17	Soil	17-Feb-99 13:25	02/17/99
3 36-42"	4281.18	Soil	17-Feb-99 13:25	02/17/99
3 48-54"	4281.19	Soil	17-Feb-99 13:25	02/17/99
3 60-66"	4281.20	Soil	17-Feb-99 13:25	02/17/99
4 0-6"	4281.21	Soil	17-Feb-99 14:00	02/17/99
4 12-18"	4281.22	Soil	17-Feb-99 14:00	02/17/99
4 24-30"	4281.23	Soil	17-Feb-99 14:00	02/17/99
4 36-42"	4281.24	Soil	17-Feb-99 14:00	02/17/99
4 48-54"	4281.25	Soil	17-Feb-99 14:00	02/17/99
4 60-66"	4281.26	Soil	17-Feb-99 14:00	02/17/99
1 7-10'	4281.27	Aqueous	17-Feb-99 14:25	02/17/99
2 7-10'	4281.28	Aqueous	17-Feb-99 14:40	02/17/99
3 7-10'	4281.29	Aqueous	17-Feb-99 14:48	02/17/99
4 7-10'	4281.30	Aqueous	17-Feb-99 15:05	02/17/99

SAMPLE LOCATION AND IDENTIFICATION

Field Blank	4285.01	Aqueous	19-Feb-99 10:00	02/19/99
5 0-6"	4285.02	Soil	19-Feb-99 10:20	02/19/99
5 12-18"	4285.03	Soil	19-Feb-99 10:20	02/19/99
5 24-30"	4285.04	Soil	19-Feb-99 10:20	02/19/99
5 36-42"	4285.05	Soil	19-Feb-99 10:20	02/19/99
5 48-54"	4285.06	Soil	19-Feb-99 10:20	02/19/99
5 60-66"	4285.07	Soil	19-Feb-99 10:20	02/19/99
6 0-6"	4285.08	Soil	19-Feb-99 11:20	02/19/99
6 12-18"	4285.09	Soil	19-Feb-99 11:20	02/19/99
6 24-30"	4285.10	Soil	19-Feb-99 11:20	02/19/99
6 36-42"	4285.11	Soil	19-Feb-99 11:20	02/19/99
6 48-54"	4285.12	Soil	19-Feb-99 11:20	02/19/99
6 60-66"	4285.13	Soil	19-Feb-99 11:20	02/19/99
7 0-6"	4285.14	Soil	19-Feb-99 15:00	02/19/99
7 12-18"	4285.15	Soil	19-Feb-99 15:00	02/19/99
7 24-30"	4285.16	Soil	19-Feb-99 15:00	02/19/99
7 36-42"	4285.17	Soil	19-Feb-99 15:00	02/19/99
7 48-54"	4285.18	Soil	19-Feb-99 15:00	02/19/99
7 60-66"	4285.19	Soil	19-Feb-99 15:00	02/19/99
5 7-10'	4285.20	Aqueous	19-Feb-99 11:35	02/19/99
6 7-10'	4285.21	Aqueous	19-Feb-99 11:50	02/19/99
7 7-10'	4285.22	Aqueous	19-Feb-99 15:20	02/19/99
Field Blank	4290.01	Aqueous	22-Feb-99 16:00	02/22/99
8 0-6"	4290.02	Soil	22-Feb-99 11:00	02/22/99
8 12-18"	4290.03	Soil	22-Feb-99 11:00	02/22/99
8 24-30"	4290.04	Soil	22-Feb-99 11:00	02/22/99
8 36-42"	4290.05	Soil	22-Feb-99 11:00	02/22/99
8 48-54"	4290.06	Soil	22-Feb-99 11:00	02/22/99
8 60-66"	4290.07	Soil	22-Feb-99 11:00	02/22/99
9 0-6"	4290.08	Soil	22-Feb-99 11:40	02/22/99
9 12-18"	4290.09	Soil	22-Feb-99 11:40	02/22/99
9 24-30"	4290.10	Soil	22-Feb-99 11:40	02/22/99
9 36-42"	4290.11	Soil	22-Feb-99 11:40	02/22/99
9 48-54"	4290.12	Soil	22-Feb-99 11:40	02/22/99
9 60-66"	4290.13	Soil	22-Feb-99 11:40	02/22/99
10 0-6"	4290.14	Soil	22-Feb-99 13:40	02/22/99
10 12-18"	4290.15	Soil	22-Feb-99 13:40	02/22/99
10 24-30"	4290.16	Soil	22-Feb-99 13:40	02/22/99
10 36-42"	4290.17	Soil	22-Feb-99 13:40	02/22/99
10 48-54"	4290.18	Soil	22-Feb-99 13:40	02/22/99
10 60-66"	4290.19	Soil	22-Feb-99 13:40	02/22/99
11 0-6"	4290.20	Soil	22-Feb-99 14:30	02/22/99
11 12-18"	4290.21	Soil	22-Feb-99 14:30	02/22/99
11 24-30"	4290.22	Soil	22-Feb-99 14:30	02/22/99
11 36-42"	4290.23	Soil	22-Feb-99 14:30	02/22/99
11 48-54"	4290.24	Soil	22-Feb-99 14:30	02/22/99
11 60-66"	4290.25	Soil	22-Feb-99 15:10	02/22/99
12 0-6"	4290.26	Soil	22-Feb-99 15:10	02/22/99
12 12-18"	4290.27	Soil	22-Feb-99 15:10	02/22/99
12 24-30"	4290.28	Soil	22-Feb-99 15:10	02/22/99
12 36-42"	4290.29	Soil	22-Feb-99 15:10	02/22/99
12 48-54"	4290.30	Soil	22-Feb-99 15:10	02/22/99
12 60-66"	4290.31	Soil	22-Feb-99 15:10	02/22/99

SAMPLE LOCATION AND IDENTIFICATION

8 7-10'	4290.32	Aqueous	22-Feb-99 15:20	02/22/99
9 7-10'	4290.33	Aqueous	22-Feb-99 15:25	02/22/99
10 7-10'	4290.34	Aqueous	22-Feb-99 15:32	02/22/99
11 7-10'	4290.35	Aqueous	22-Feb-99 15:36	02/22/99
12 7-10'	4290.36	Aqueous	22-Feb-99 15:41	02/22/99
Field Blank	4294.01	Aqueous	23-Feb-99 09:15	02/23/99
13 0-6"	4294.02	Soil	23-Feb-99 10:10	02/23/99
13 12-18"	4294.03	Soil	23-Feb-99 10:10	02/23/99
13 24-30"	4294.04	Soil	23-Feb-99 10:10	02/23/99
13 36-42"	4294.05	Soil	23-Feb-99 10:10	02/23/99
13 48-54"	4294.06	Soil	23-Feb-99 10:10	02/23/99
13 60-66"	4294.07	Soil	23-Feb-99 10:10	02/23/99
14 0-6"	4294.08	Soil	23-Feb-99 10:48	02/23/99
14 12-18"	4294.09	Soil	23-Feb-99 10:48	02/23/99
14 24-30"	4294.10	Soil	23-Feb-99 10:48	02/23/99
14 36-42"	4294.11	Soil	23-Feb-99 10:48	02/23/99
14 48-54"	4294.12	Soil	23-Feb-99 10:48	02/23/99
14 60-66"	4294.13	Soil	23-Feb-99 10:48	02/23/99
15 0-6"	4294.14	Soil	23-Feb-99 11:35	02/23/99
15 12-18"	4294.15	Soil	23-Feb-99 11:35	02/23/99
15 24-30"	4294.16	Soil	23-Feb-99 11:35	02/23/99
15 36-42"	4294.17	Soil	23-Feb-99 11:35	02/23/99
15 48-54"	4294.18	Soil	23-Feb-99 11:35	02/23/99
15 60-66"	4294.19	Soil	23-Feb-99 11:35	02/23/99
13 7-10'	4294.20	Aqueous	23-Feb-99 13:50	02/23/99
14 7-10'	4294.21	Aqueous	23-Feb-99 14:20	02/23/99
15 7-10'	4294.22	Aqueous	23-Feb-99 14:30	02/23/99
16 0-6"	4294.23	Soil	23-Feb-99 15:25	02/23/99
16 12-18"	4294.24	Soil	23-Feb-99 15:25	02/23/99
16 24-30"	4294.25	Soil	23-Feb-99 15:25	02/23/99
16 36-42"	4294.26	Soil	23-Feb-99 15:25	02/23/99
16 48-54"	4294.27	Soil	23-Feb-99 15:25	02/23/99
16 60-66"	4294.28	Soil	23-Feb-99 15:25	02/23/99
Field Blank	4299.01	Aqueous	24-Feb-99 09:45	02/24/99
16 8-10'	4299.02	Aqueous	24-Feb-99 15:25	02/24/99
17 0-6"	4307.01	Soil	01-Mar-99 10:56	03/01/99
17 12-18"	4307.02	Soil	01-Mar-99 11:00	03/01/99
17 24-30"	4307.03	Soil	01-Mar-99 11:03	03/01/99
17 36-42"	4307.04	Soil	01-Mar-99 11:10	03/01/99
17 48-54"	4307.05	Soil	01-Mar-99 11:16	03/01/99
17 60-66"	4307.06	Soil	01-Mar-99 11:20	03/01/99
18 0-6"	4307.07	Soil	01-Mar-99 11:36	03/01/99
18 12-18"	4307.08	Soil	01-Mar-99 11:41	03/01/99
18 24-30"	4307.09	Soil	01-Mar-99 11:48	03/01/99
18 36-42"	4307.10	Soil	01-Mar-99 11:52	03/01/99
18 48-54"	4307.11	Soil	01-Mar-99 13:40	03/01/99
18 60-66"	4307.12	Soil	01-Mar-99 13:45	03/01/99
19 0-6"	4307.13	Soil	01-Mar-99 13:50	03/01/99
19 12-18"	4307.14	Soil	01-Mar-9 13:55	03/01/99
19 24-30"	4307.15	Soil	01-Mar-99 14:00	03/01/99
19 36-42"	4307.16	Soil	01-Mar-99 14:05	03/01/99
19 48-54"	4307.17	Soil	01-Mar-99 14:10	03/01/99
19 60-66"	4307.18	Soil	01-Mar-99 14:15	03/01/99

SAMPLE LOCATION AND IDENTIFICATION

20 0-6"	4307.19	Soil	01-Mar-99 14:20	03/01/99
20 12-18"	4307.20	Soil	01-Mar-99 14:25	03/01/99
20 24-30"	4307.21	Soil	01-Mar-99 14:30	03/01/99
20 36-42"	4307.22	Soil	01-Mar-99 14:35	03/01/99
20 48-54"	4307.23	Soil	01-Mar-99 14:40	03/01/99
20 60-66"	4307.24	Soil	01-Mar-99 14:45	03/01/99
Field Blank	4313.01	Aqueous	02-Mar-99 09:55	03/02/99
21 0-6"	4313.02	Soil	02-Mar-99 11:40	03/02/99
21 12-18"	4313.03	Soil	02-Mar-99 11:40	03/02/99
21 24-30"	4313.04	Soil	02-Mar-99 11:40	03/02/99
21 36-42"	4313.05	Soil	02-Mar-99 11:40	03/02/99
21 48-54"	4313.06	Soil	02-Mar-99 11:40	03/02/99
21 60-66"	4313.07	Soil	02-Mar-99 11:40	03/02/99
19 7-10'	4313.08	Aqueous	02-Mar-99 12:10	03/02/99
20 7-10'	4313.09	Aqueous	02-Mar-99 13:00	03/02/99
21 7-10'	4313.10	Aqueous	02-Mar-99 13:10	03/02/99
22 0-6"	4313.11	Soil	02-Mar-99 14:00	03/02/99
22 12-18"	4313.12	Soil	02-Mar-99 14:00	03/02/99
22 24-30"	4313.13	Soil	02-Mar-99 14:00	03/02/99
22 36-42"	4313.14	Soil	02-Mar-99 14:00	03/02/99
22 48-54"	4313.15	Soil	02-Mar-99 14:00	03/02/99
22 60-66"	4313.16	Soil	02-Mar-99 14:00	03/02/99
22 7-10'	4313.17	Aqueous	02-Mar-99 14:10	03/02/99
23 0-6"	4313.18	Soil	02-Mar-99 14:50	03/02/99
23 12-18"	4313.19	Soil	02-Mar-99 14:50	03/02/99
23 24-30"	4313.20	Soil	02-Mar-99 14:50	03/02/99
23 36-42"	4313.21	Soil	02-Mar-99 14:50	03/02/99
23 48-54"	4313.22	Soil	02-Mar-99 14:50	03/02/99
23 60-66"	4313.23	Soil	02-Mar-99 14:50	03/02/99
23 7-10'	4313.24	Aqueous	02-Mar-99 15:10	03/02/99
Field Blank	4316.01	Aqueous	03-Mar-99 10:00	03/03/99
24 0-6"	4316.02	Soil	03-Mar-99 10:25	03/03/99
24 12-18"	4316.03	Soil	03-Mar-99 10:25	03/03/99
24 24-30"	4316.04	Soil	03-Mar-99 10:25	03/03/99
24 36-42"	4316.05	Soil	03-Mar-99 10:25	03/03/99
24 48-54"	4316.06	Soil	03-Mar-99 10:25	03/03/99
24 60-66"	4316.07	Soil	03-Mar-99 10:25	03/03/99
24 7-10'	4316.08	Aqueous	03-Mar-99 10:45	03/03/99
25 0-6"	4316.09	Soil	03-Mar-99 11:40	03/03/99
25 12-18"	4316.10	Soil	03-Mar-99 11:40	03/03/99
25 24-30"	4316.11	Soil	03-Mar-99 11:40	03/03/99
25 36-42"	4316.12	Soil	03-Mar-99 11:40	03/03/99
25 48-54"	4316.13	Soil	03-Mar-99 11:40	03/03/99
25 60-66"	4316.14	Soil	03-Mar-99 11:40	03/03/99
25 7-10"	4316.15	Aqueous	03-Mar-99 11:50	03/03/99
26 0-6"	4316.16	Soil	03-Mar-99 13:30	03/03/99
26 12-18"	4316.17	Soil	03-Mar-99 13:30	03/03/99
26 24-30"	4316.18	Soil	03-Mar-99 13:30	03/03/99
26 36-42"	4316.19	Soil	03-Mar-99 13:30	03/03/99
26 48-54"	4316.20	Soil	03-Mar-99 13:30	03/03/99
26 60-66"	4316.21	Soil	03-Mar-99 13:30	03/03/99
26 7-10"	4316.22	Aqueous	03-Mar-99 13:45	03/03/99
27 0-6"	4316.23	Soil	03-Mar-99 14:40	03/03/99

SAMPLE LOCATION AND IDENTIFICATION

27 12-18"	4316.24	Soil	03-Mar-99 14:40	03/03/99
27 24-30"	4316.25	Soil	03-Mar-99 14:40	03/03/99
27 36-42"	4316.26	Soil	03-Mar-99 14:40	03/03/99
27 48-54"	4316.27	Soil	03-Mar-99 14:40	03/03/99
27 60-66"	4316.28	Soil	03-Mar-99 14:40	03/03/99
27 7-10"	4316.29	Aqueous	03-Mar-99 15:10	03/03/99
Field Blank	4320.01	Aqueous	05-Mar-99 09:40	03/05/99
17 7-10'	4320.02	Aqueous	05-Mar-99 09:55	03/05/99
18 7-10'	4320.03	Aqueous	05-Mar-99 10:37	03/05/99
28 0-6"	4320.04	Soil	05-Mar-99 10:15	03/05/99
28 12-18"	4320.05	Soil	05-Mar-99 10:15	03/05/99
28 24-30"	4320.06	Soil	05-Mar-99 10:15	03/05/99
28 36-42"	4320.07	Soil	05-Mar-99 10:15	03/05/99
28 48-54"	4320.08	Soil	05-Mar-99 10:15	03/05/99
28 60-66"	4320.09	Soil	05-Mar-99 10:15	03/05/99
29 0-6"	4320.10	Soil	05-Mar-99 10:40	03/05/99
29 12-18"	4320.11	Soil	05-Mar-99 10:40	03/05/99
29 24-30"	4320.12	Soil	05-Mar-99 10:40	03/05/99
29 36-42"	4320.13	Soil	05-Mar-99 10:40	03/05/99
29 48-54"	4320.14	Soil	05-Mar-99 10:40	03/05/99
29 60-66"	4320.15	Soil	05-Mar-99 10:40	03/05/99
30 0-6"	4320.16	Soil	05-Mar-99 11:00	03/05/99
30 12-18"	4320.17	Soil	05-Mar-99 11:00	03/05/99
30 24-30"	4320.18	Soil	05-Mar-99 11:00	03/05/99
30 36-42"	4320.19	Soil	05-Mar-99 11:00	03/05/99
30 48-54"	4320.20	Soil	05-Mar-99 11:00	03/05/99
30 60-66"	4320.21	Soil	05-Mar-99 11:00	03/05/99
Field Dup. 0-6"	4320.22	Soil	05-Mar-99	03/05/99
Field Dup. 12-18"	4320.23	Soil	05-Mar-99	03/05/99
Field Dup. 24-30"	4320.24	Soil	05-Mar-99	03/05/99
Field Dup. 36-42"	4320.25	Soil	05-Mar-99	03/05/99
Field Dup. 48-54"	4320.26	Soil	05-Mar-99	03/05/99
Field Dup. 60-66"	4320.27	Soil	05-Mar-99	03/05/99
10A 0-6"	4890.01	Soil	27-Oct-99 11:00	10/28/99
10A 12-18"	4890.02	Soil	27-Oct-99 11:00	10/28/99
10A 24-30"	4890.03	Soil	27-Oct-99 11:00	10/28/99
10A 36-42"	4890.04	Soil	27-Oct-99 11:00	10/28/99
10A 48-54"	4890.05	Soil	27-Oct-99 11:00	10/28/99
10A 60-66"	4890.06	Soil	27-Oct-99 11:00	10/28/99
10A 72-78"	4890.07	Soil	27-Oct-99 11:00	10/28/99
10A 84-90"	4890.08	Soil	27-Oct-99 11:00	10/28/99
10A 90-96"	4890.09	Soil	27-Oct-99 11:00	10/28/99
11A 0-6"	4890.10	Soil	27-Oct-99 11:45	10/28/99
11A 12-18"	4890.11	Soil	27-Oct-99 11:45	10/28/99
11A 24-30"	4890.12	Soil	27-Oct-99 11:45	10/28/99
11A 36-42"	4890.13	Soil	27-Oct-99 11:45	10/28/99
11A 48-54"	4890.14	Soil	27-Oct-99 11:45	10/28/99
11A 60-66"	4890.15	Soil	27-Oct-99 11:45	10/28/99
11A 72-78"	4890.16	Soil	27-Oct-99 11:45	10/28/99
11A 84-90"	4890.17	Soil	27-Oct-99 11:45	10/28/99
11A 90-96"	4890.18	Soil	27-Oct-99 11:45	10/28/99
15A 0-6"	4890.19	Soil	27-Oct-99 13:30	10/28/99
15A 12-18"	4890.20	Soil	27-Oct-99 13:30	10/28/99

SAMPLE LOCATION AND IDENTIFICATION

15A 24-30"	4890.21	Soil	27-Oct-99 13:30	10/28/99
15A 36-42"	4890.22	Soil	27-Oct-99 13:30	10/28/99
15A 48-54"	4890.23	Soil	27-Oct-99 13:30	10/28/99
15A 60-66"	4890.24	Soil	27-Oct-99 13:30	10/28/99
15A 72-78"	4890.25	Soil	27-Oct-99 13:30	10/28/99
15A 84-90"	4890.26	Soil	27-Oct-99 13:30	10/28/99
15A 90-96"	4890.27	Soil	27-Oct-99 13:30	10/28/99
3A 0-6"	4890.28	Soil	27-Oct-99 14:23	10/28/99
3A 12-18"	4890.29	Soil	27-Oct-99 14:23	10/28/99
3A 24-30"	4890.30	Soil	27-Oct-99 14:23	10/28/99
3A 36-42"	4890.31	Soil	27-Oct-99 14:23	10/28/99
3A 48-54"	4890.32	Soil	27-Oct-99 14:23	10/28/99
3A 60-66"	4890.33	Soil	27-Oct-99 14:23	10/28/99
3A 72-78"	4890.34	Soil	27-Oct-99 14:23	10/28/99
3A 84-90"	4890.35	Soil	27-Oct-99 14:23	10/28/99
3A 90-96"	4890.36	Soil	27-Oct-99 14:23	10/28/99
6A 0-6"	4890.37	Soil	27-Oct-99 15:00	10/28/99
6A 12-18"	4890.38	Soil	27-Oct-99 15:00	10/28/99
6A 24-30"	4890.39	Soil	27-Oct-99 15:00	10/28/99
6A 36-42"	4890.40	Soil	27-Oct-99 15:00	10/28/99
6A 48-54"	4890.41	Soil	27-Oct-99 15:00	10/28/99
6A 60-66"	4890.42	Soil	27-Oct-99 15:00	10/28/99
6A 72-78"	4890.43	Soil	27-Oct-99 15:00	10/28/99
6A 84-90"	4890.44	Soil	27-Oct-99 15:00	10/28/99
6A 90-96"	4890.45	Soil	27-Oct-99 15:00	10/28/99
9A 0-6"	4890.46	Soil	27-Oct-99 15:40	10/28/99
9A 12-18"	4890.47	Soil	27-Oct-99 15:40	10/28/99
9A 24-30"	4890.48	Soil	27-Oct-99 15:40	10/28/99
9A 36-42"	4890.49	Soil	27-Oct-99 15:40	10/28/99
9A 48-54"	4890.50	Soil	27-Oct-99 15:40	10/28/99
9A 60-66"	4890.51	Soil	27-Oct-99 15:40	10/28/99
9A 72-78"	4890.52	Soil	27-Oct-99 15:40	10/28/99
9A 84-90"	4890.53	Soil	27-Oct-99 15:40	10/28/99
9A 90-96"	4890.54	Soil	27-Oct-99 15:40	10/28/99
Field Blank	4903.01	Aqueous	01-Nov-99 09:30	11/01/99
24A 0-6"	4903.02	Soil	01-Nov-99 10:20	11/01/99
24A 12-18"	4903.03	Soil	01-Nov-99 10:20	11/01/99
24A 24-30"	4903.04	Soil	01-Nov-99 10:20	11/01/99
24A 36-42"	4903.05	Soil	01-Nov-99 10:20	11/01/99
24A 48-54"	4903.06	Soil	01-Nov-99 10:20	11/01/99
24A 60-66"	4903.07	Soil	01-Nov-99 10:20	11/01/99
24A 72-78"	4903.08	Soil	01-Nov-99 10:20	11/01/99
21A 0-6"	4903.09	Soil	01-Nov-99 10:55	11/01/99
21A 12-18"	4903.10	Soil	01-Nov-99 10:55	11/01/99
21A 24-30"	4903.11	Soil	01-Nov-99 10:55	11/01/99
21A 36-42"	4903.12	Soil	01-Nov-99 10:55	11/01/99
21A 48-54"	4903.13	Soil	01-Nov-99 10:55	11/01/99
21A 60-66"	4903.14	Soil	01-Nov-99 10:55	11/01/99
21A 72-78"	4903.15	Soil	01-Nov-99 10:55	11/01/99
18A 0-6"	4903.16	Soil	01-Nov-99 11:25	11/01/99
18A 12-18"	4903.17	Soil	01-Nov-99 11:25	11/01/99
18A 24-30"	4903.18	Soil	01-Nov-99 11:25	11/01/99
18A 36-42"	4903.19	Soil	01-Nov-99 11:25	11/01/99

SAMPLE LOCATION AND IDENTIFICATION

18A 48-54"	4903.20	Soil	01-Nov-99 11:25	11/01/99
18A 60-66"	4903.21	Soil	01-Nov-99 11:25	11/01/99
18A 72-78"	4903.22	Soil	01-Nov-99 11:25	11/01/99
27A 0-6"	4903.23	Soil	01-Nov-99 11:55	11/01/99
27A 12-18"	4903.24	Soil	01-Nov-99 11:55	11/01/99
27A 24-30"	4903.25	Soil	01-Nov-99 11:55	11/01/99
27A 36-42"	4903.26	Soil	01-Nov-99 11:55	11/01/99
27A 48-54"	4903.27	Soil	01-Nov-99 11:55	11/01/99
27A 60-66"	4903.28	Soil	01-Nov-99 11:55	11/01/99
27A 72-78"	4903.29	Soil	01-Nov-99 11:55	11/01/99
24A 7-11'	4903.30	Aqueous	01-Nov-99 13:15	11/01/99
21A 7-11'	4903.31	Aqueous	01-Nov-99 13:30	11/01/99
18A 7-11'	4903.32	Aqueous	01-Nov-99 13:40	11/01/99
27A 7-11'	4903.33	Aqueous	01-Nov-99 13:55	11/01/99
Field Dup. 0-6"	4903.34	Soil	01-Nov-99	11/01/99
Field Dup. 12-18"	4903.35	Soil	01-Nov-99	11/01/99
Field Dup. 24-30"	4903.36	Soil	01-Nov-99	11/01/99
Field Dup. 36-42"	4903.37	Soil	01-Nov-99	11/01/99
Field Dup. 48-54"	4903.38	Soil	01-Nov-99	11/01/99
Field Dup. 60-66"	4903.39	Soil	01-Nov-99	11/01/99
Field Dup. 72-78"	4903.40	Soil	01-Nov-99	11/01/99
Field Dup. 7-11'	4903.41	Aqueous	01-Nov-99	11/01/99
Field Blank	4963.01	Aqueous	23-Nov-99 09:00	11/23/99
9B 0-6"	4963.02	Soil	23-Nov-99 09:45	11/23/99
9B 12-18"	4963.03	Soil	23-Nov-99 09:45	11/23/99
9B 24-30"	4963.04	Soil	23-Nov-99 09:45	11/23/99
9B 36-42"	4963.05	Soil	23-Nov-99 09:45	11/23/99
9B 48-54"	4963.06	Soil	23-Nov-99 09:45	11/23/99
9B 60-66"	4963.07	Soil	23-Nov-99 09:45	11/23/99
9B 72-78"	4963.08	Soil	23-Nov-99 09:45	11/23/99
9B 84-90"	4963.09	Soil	23-Nov-99 09:45	11/23/99
9B 8-11'	4963.10	Aqueous	23-Nov-99 10:10	11/23/99
6B 0-6"	4963.11	Soil	23-Nov-99 11:10	11/23/99
6B 12-18"	4963.12	Soil	23-Nov-99 11:10	11/23/99
6B 24-30"	4963.13	Soil	23-Nov-99 11:10	11/23/99
6B 36-42"	4963.14	Soil	23-Nov-99 11:10	11/23/99
6B 48-54"	4963.15	Soil	23-Nov-99 11:10	11/23/99
6B 60-66"	4963.16	Soil	23-Nov-99 11:10	11/23/99
6B 72-78"	4963.17	Soil	23-Nov-99 11:10	11/23/99
6B 84-90"	4963.18	Soil	23-Nov-99 11:10	11/23/99
6B 8-11'	4963.19	Aqueous	23-Nov-99 11:20	11/23/99
3B 0-6"	4963.20	Soil	23-Nov-99 11:50	11/23/99
3B 12-18"	4963.21	Soil	23-Nov-99 11:50	11/23/99
3B 24-30"	4963.22	Soil	23-Nov-99 11:50	11/23/99
3B 36-42"	4963.23	Soil	23-Nov-99 11:50	11/23/99
3B 48-54"	4963.24	Soil	23-Nov-99 11:50	11/23/99
3B 60-66"	4963.25	Soil	23-Nov-99 11:50	11/23/99
3B 72-78"	4963.26	Soil	23-Nov-99 11:50	11/23/99
3B 84-90"	4963.27	Soil	23-Nov-99 11:50	11/23/99
3B 8-11'	4963.28	Aqueous	23-Nov-99 12:50	11/23/99
15B 0-6"	4963.29	Soil	23-Nov-99 13:20	11/23/99
15B 12-18"	4963.30	Soil	23-Nov-99 13:20	11/23/99
15B 24-30"	4963.31	Soil	23-Nov-99 13:20	11/23/99

SAMPLE LOCATION AND IDENTIFICATION

15B 36-42"	4963.32	Soil	23-Nov-99 13:20	11/23/99
15B 48-54"	4963.33	Soil	23-Nov-99 13:20	11/23/99
15B 60-66"	4963.34	Soil	23-Nov-99 13:20	11/23/99
15B 72-78"	4963.35	Soil	23-Nov-99 13:20	11/23/99
15B 84-90"	4963.36	Soil	23-Nov-99 13:20	11/23/99
15B 8-11'	4963.37	Aqueous	23-Nov-99 13:35	11/23/99
27B 0-6"	4963.38	Soil	23-Nov-99 14:25	11/23/99
27B 12-18"	4963.39	Soil	23-Nov-99 14:25	11/23/99
27B 24-30"	4963.40	Soil	23-Nov-99 14:25	11/23/99
27B 36-42"	4963.41	Soil	23-Nov-99 14:25	11/23/99
27B 48-54"	4963.42	Soil	23-Nov-99 14:25	11/23/99
27B 60-66"	4963.43	Soil	23-Nov-99 14:25	11/23/99
27B 72-78"	4963.44	Soil	23-Nov-99 14:25	11/23/99
27B 84-90"	4963.45	Soil	23-Nov-99 14:25	11/23/99
27B 8-11'	4963.46	Aqueous	23-Nov-99 14:35	11/23/99
18B 0-6"	4963.47	Soil	23-Nov-99 14:55	11/23/99
18B 12-18"	4963.48	Soil	23-Nov-99 14:55	11/23/99
18B 24-30"	4963.49	Soil	23-Nov-99 14:55	11/23/99
18B 36-42"	4963.50	Soil	23-Nov-99 14:55	11/23/99
18B 48-54"	4963.51	Soil	23-Nov-99 14:55	11/23/99
18B 60-66"	4963.52	Soil	23-Nov-99 14:55	11/23/99
18B 72-78"	4963.53	Soil	23-Nov-99 14:55	11/23/99
18B 84-90"	4963.54	Soil	23-Nov-99 14:55	11/23/99
18B 8-11'	4963.55	Aqueous	23-Nov-99 15:05	11/23/99
Field Blank	4965.01	Aqueous	24-Nov-99 08:20	11/24/99
21B 0-6"	4965.02	Soil	24-Nov-99 09:20	11/24/99
21B 12-18"	4965.03	Soil	24-Nov-99 09:20	11/24/99
21B 24-30"	4965.04	Soil	24-Nov-99 09:20	11/24/99
21B 36-42"	4965.05	Soil	24-Nov-99 09:20	11/24/99
21B 48-54"	4965.06	Soil	24-Nov-99 09:20	11/24/99
21B 60-66"	4965.07	Soil	24-Nov-99 09:20	11/24/99
21B 72-78"	4965.08	Soil	24-Nov-99 09:20	11/24/99
21B 84-90"	4965.09	Soil	24-Nov-99 09:20	11/24/99
21B 8-11'	4965.10	Aqueous	24-Nov-99 09:30	11/24/99
24B 0-6"	4965.11	Soil	24-Nov-99 09:55	11/24/99
24B 12-18"	4965.12	Soil	24-Nov-99 09:55	11/24/99
24B 24-30"	4965.13	Soil	24-Nov-99 09:55	11/24/99
24B 36-42"	4965.14	Soil	24-Nov-99 09:55	11/24/99
24B 48-54"	4965.15	Soil	24-Nov-99 09:55	11/24/99
24B 60-66"	4965.16	Soil	24-Nov-99 09:55	11/24/99
24B 72-78"	4965.17	Soil	24-Nov-99 09:55	11/24/99
24B 84-90"	4965.18	Soil	24-Nov-99 09:55	11/24/99
24B 8-11'	4965.19	Aqueous	24-Nov-99 10:10	11/24/99
Field Dup. 0-6"	4965.20	Soil	24-Nov-99	11/24/99
Field Dup. 12-18"	4965.21	Soil	24-Nov-99	11/24/99
Field Dup. 24-30"	4965.22	Soil	24-Nov-99	11/24/99
Field Dup. 36-42"	4965.23	Soil	24-Nov-99	11/24/99
Field Dup. 48-54"	4965.24	Soil	24-Nov-99	11/24/99
Field Dup. 60-66"	4965.25	Soil	24-Nov-99	11/24/99
Field Dup. 72-78"	4965.26	Soil	24-Nov-99	11/24/99
Field Dup. 84-90"	4965.27	Soil	24-Nov-99	11/24/99
Field Dup. 8-11'	4965.28	Aqueous	24-Nov-99	11/24/99
11B 0-6"	5119.01	Soil	24-Jan-00 09:30	01/24/00

SAMPLE LOCATION AND IDENTIFICATION

11B 12-18"	5119.02	Soil	24-Jan-00 09:30	01/24/00
11B 24-30"	5119.03	Soil	24-Jan-00 09:30	01/24/00
11B 36-42"	5119.04	Soil	24-Jan-00 09:30	01/24/00
11B 48-54"	5119.05	Soil	24-Jan-00 09:30	01/24/00
11B 60-66"	5119.06	Soil	24-Jan-00 09:30	01/24/00
12A 0-6"	5119.07	Soil	24-Jan-00 10:00	01/24/00
12A 12-18"	5119.08	Soil	24-Jan-00 10:00	01/24/00
12A 24-30"	5119.09	Soil	24-Jan-00 10:00	01/24/00
12A 36-42"	5119.10	Soil	24-Jan-00 10:00	01/24/00
12A 48-54"	5119.11	Soil	24-Jan-00 10:00	01/24/00
12A 60-66"	5119.12	Soil	24-Jan-00 10:00	01/24/00
12B 0-6"	5119.13	Soil	24-Jan-00 10:30	01/24/00
12B 12-18"	5119.14	Soil	24-Jan-00 10:30	01/24/00
12B 24-30"	5119.15	Soil	24-Jan-00 10:30	01/24/00
12B 36-42"	5119.16	Soil	24-Jan-00 10:30	01/24/00
12B 48-54"	5119.17	Soil	24-Jan-00 10:30	01/24/00
12B 60-66"	5119.18	Soil	24-Jan-00 10:30	01/24/00
12C 0-6"	5119.19	Soil	24-Jan-00 11:15	01/24/00
12C 12-18"	5119.20	Soil	24-Jan-00 11:15	01/24/00
12C 24-30"	5119.21	Soil	24-Jan-00 11:15	01/24/00
12C 36-42"	5119.22	Soil	24-Jan-00 11:15	01/24/00
12C 48-54"	5119.23	Soil	24-Jan-00 11:15	01/24/00
12C 60-66"	5119.24	Soil	24-Jan-00 11:15	01/24/00
1 72-78"	5119.25	Soil	24-Jan-00 10:00	01/24/00
1 84-90"	5119.26	Soil	24-Jan-00 10:00	01/24/00
1 96-102"	5119.27	Soil	24-Jan-00 10:00	01/24/00
1 108-114"	5119.28	Soil	24-Jan-00 10:00	01/24/00
3 72-78"	5119.29	Soil	24-Jan-00 10:20	01/24/00
3 84-90"	5119.30	Soil	24-Jan-00 10:20	01/24/00
3 96-102"	5119.31	Soil	24-Jan-00 10:20	01/24/00
3 108-114"	5119.32	Soil	24-Jan-00 10:20	01/24/00
4 72-78"	5119.33	Soil	24-Jan-00 10:40	01/24/00
4 84-90"	5119.34	Soil	24-Jan-00 10:40	01/24/00
4 96-102"	5119.35	Soil	24-Jan-00 10:40	01/24/00
4 108-114"	5119.36	Soil	24-Jan-00 10:40	01/24/00
6 72-78"	5119.37	Soil	24-Jan-00 11:00	01/24/00
6 84-90"	5119.38	Soil	24-Jan-00 11:00	01/24/00
6 96-102"	5119.39	Soil	24-Jan-00 11:00	01/24/00
6 108-114"	5119.40	Soil	24-Jan-00 11:00	01/24/00
10 72-78"	5119.41	Soil	24-Jan-00 11:20	01/24/00
10 84-90"	5119.42	Soil	24-Jan-00 11:20	01/24/00
10 96-102"	5119.43	Soil	24-Jan-00 11:20	01/24/00
10 108-114"	5119.44	Soil	24-Jan-00 11:20	01/24/00
13 72-78"	5119.45	Soil	24-Jan-00 12:00	01/24/00
13 84-90"	5119.46	Soil	24-Jan-00 12:00	01/24/00
13 96-102"	5119.47	Soil	24-Jan-00 12:00	01/24/00
13 108-114"	5119.48	Soil	24-Jan-00 12:00	01/24/00
18 72-78"	5119.49	Soil	24-Jan-00 10:40	01/24/00
18 84-90"	5119.50	Soil	24-Jan-00 10:40	01/24/00
18 96-102"	5119.51	Soil	24-Jan-00 10:40	01/24/00
18 108-114"	5119.52	Soil	24-Jan-00 10:40	01/24/00
19 72-78"	5119.53	Soil	24-Jan-00 13:15	01/24/00
19 84-90"	5119.54	Soil	24-Jan-00 13:15	01/24/00

SAMPLE LOCATION AND IDENTIFICATION

19 96-102"	5119.55	Soil	24-Jan-00 13:15	01/24/00
19 108-114"	5119.56	Soil	24-Jan-00 13:15	01/24/00
21 72-78"	5119.57	Soil	24-Jan-00 13:15	01/24/00
21 84-90"	5119.58	Soil	24-Jan-00 13:15	01/24/00
21 96-102"	5119.59	Soil	24-Jan-00 13:59	01/24/00
21 108-114"	5119.60	Soil	24-Jan-00 13:15	01/24/00
25 72-78"	5119.61	Soil	24-Jan-00 13:30	01/24/00
25 84-90"	5119.62	Soil	24-Jan-00 13:30	01/24/00
25 96-102"	5119.63	Soil	24-Jan-00 13:30	01/24/00
25 108-114"	5119.64	Soil	24-Jan-00 13:30	01/24/00
26 72-78"	5119.65	Soil	24-Jan-00 13:30	01/24/00
26 84-90"	5119.66	Soil	24-Jan-00 13:30	01/24/00
26 96-102"	5119.67	Soil	24-Jan-00 13:30	01/24/00
26 108-114"	5119.68	Soil	24-Jan-00 13:30	01/24/00
24A 84-90"	5119.69	Soil	24-Jan-00 14:00	01/24/00
24A 96-102"	5119.70	Soil	24-Jan-00 14:00	01/24/00
24A 108-114"	5119.71	Soil	24-Jan-00 14:00	01/24/00
24A 120-126"	5119.72	Soil	24-Jan-00 14:00	01/24/00
24A 132-138"	5119.73	Soil	24-Jan-00 14:00	01/24/00
24C 0-6"	5119.74	Soil	24-Jan-00 14:00	01/24/00
24C 12-18'	5119.75	Soil	24-Jan-00 14:00	01/24/00
24C 24-30"	5119.76	Soil	24-Jan-00 14:00	01/24/00
24C 36-42"	5119.77	Soil	24-Jan-00 14:00	01/24/00
24C 48-54"	5119.78	Soil	24-Jan-00 14:00	01/24/00
24C 60-66"	5119.79	Soil	24-Jan-00 14:00	01/24/00
11B 72-78"	5148.01	Soil	07-Feb-00 10:05	02/07/00
11B 84-90"	5148.02	Soil	07-Feb-00 10:05	02/07/00
11B 96-102"	5148.03	Soil	07-Feb-00 10:05	02/07/00
11B 108-114"	5148.04	Soil	07-Feb-00 10:05	02/07/00
24C 72-78"	5148.05	Soil	07-Feb-00 10:05	02/07/00
24C 84-90"	5148.06	Soil	07-Feb-00 10:05	02/07/00
24C 96-102"	5148.07	Soil	07-Feb-00 10:05	02/07/00
24C 108-114"	5148.08	Soil	07-Feb-00 10:05	02/07/00
12D 0-6"	5148.09	Soil	07-Feb-00 10:00	02/07/00
12D 12-18"	5148.10	Soil	07-Feb-00 10:00	02/07/00
12D 24-30"	5148.11	Soil	07-Feb-00 10:00	02/07/00
12D 36-42"	5148.12	Soil	07-Feb-00 10:00	02/07/00
12D 48-54"	5148.13	Soil	07-Feb-00 10:00	02/07/00
12D 60-66"	5148.14	Soil	07-Feb-00 10:00	02/07/00
12D 72-78"	5148.15	Soil	07-Feb-00 10:00	02/07/00
12D 84-90"	5148.16	Soil	07-Feb-00 10:00	02/07/00
12D 96-102"	5148.17	Soil	07-Feb-00 10:00	02/07/00
12D 108-114"	5148.18	Soil	07-Feb-00 10:00	02/07/00
10B 0-6"	5148.19	Soil	07-Feb-00 11:25	02/07/00
10B 12-18"	5148.20	Soil	07-Feb-00 11:25	02/07/00
10B 24-30"	5148.21	Soil	07-Feb-00 11:25	02/07/00
10B 36-42"	5148.22	Soil	07-Feb-00 11:25	02/07/00
10B 48-54"	5148.23	Soil	07-Feb-00 11:25	02/07/00
10B 60-66"	5148.24	Soil	07-Feb-00 11:25	02/07/00
10B 72-78"	5148.25	Soil	07-Feb-00 11:25	02/07/00
10B 84-90"	5148.26	Soil	07-Feb-00 11:25	02/07/00
10B 96-102"	5148.27	Soil	07-Feb-00 11:25	02/07/00
10B 108-114"	5148.28	Soil	07-Feb-00 11:25	02/07/00

SAMPLE LOCATION AND IDENTIFICATION

10C 0-6"	5148.29	Soil	07-Feb-00 11:15	02/07/00
10C 12-18"	5148.30	Soil	07-Feb-00 11:15	02/07/00
10C 24-30"	5148.31	Soil	07-Feb-00 11:15	02/07/00
10C 36-42"	5148.32	Soil	07-Feb-00 11:15	02/07/00
10C 48-54"	5148.33	Soil	07-Feb-00 11:15	02/07/00
10C 60-66"	5148.34	Soil	07-Feb-00 11:15	02/07/00
10C 72-78"	5148.35	Soil	07-Feb-00 11:15	02/07/00
10C 84-90"	5148.36	Soil	07-Feb-00 11:15	02/07/00
10C 96-102"	5148.37	Soil	07-Feb-00 11:15	02/07/00
10C 108-114"	5148.38	Soil	07-Feb-00 11:15	02/07/00
11C 0-6"	5148.39	Soil	07-Feb-00 11:20	02/07/00
11C 12-18"	5148.40	Soil	07-Feb-00 11:20	02/07/00
11C 24-30"	5148.41	Soil	07-Feb-00 11:20	02/07/00
11C 36-42"	5148.42	Soil	07-Feb-00 11:20	02/07/00
11C 48-54"	5148.43	Soil	07-Feb-00 11:20	02/07/00
11C 60-66"	5148.44	Soil	07-Feb-00 11:20	02/07/00
11C 72-78"	5148.45	Soil	07-Feb-00 11:20	02/07/00
11C 84-90"	5148.46	Soil	07-Feb-00 11:20	02/07/00
11C 96-102"	5148.47	Soil	07-Feb-00 11:20	02/07/00
11C 108-114"	5148.48	Soil	07-Feb-00 11:20	02/07/00
12E 0-6"	5148.49	Soil	07-Feb-00 11:10	02/07/00
12E 12-18"	5148.50	Soil	07-Feb-00 11:10	02/07/00
12E 24-30"	5148.51	Soil	07-Feb-00 11:10	02/07/00
12E 36-42"	5148.52	Soil	07-Feb-00 11:10	02/07/00
12E 48-54"	5148.53	Soil	07-Feb-00 11:10	02/07/00
12E 60-66"	5148.54	Soil	07-Feb-00 11:10	02/07/00
12E 72-78"	5148.55	Soil	07-Feb-00 11:10	02/07/00
12E 84-90"	5148.56	Soil	07-Feb-00 11:10	02/07/00
12E 96-102"	5148.57	Soil	07-Feb-00 11:10	02/07/00
12E 108-114"	5148.58	Soil	07-Feb-00 11:10	02/07/00
12F 0-6"	5148.59	Soil	07-Feb-00 12:00	02/07/00
12F 12-18"	5148.60	Soil	07-Feb-00 12:00	02/07/00
12F 24-30"	5148.61	Soil	07-Feb-00 12:00	02/07/00
12F 36-42"	5148.62	Soil	07-Feb-00 12:00	02/07/00
12F 48-54"	5148.63	Soil	07-Feb-00 12:00	02/07/00
12F 60-66"	5148.64	Soil	07-Feb-00 12:00	02/07/00
12F 72-78"	5148.65	Soil	07-Feb-00 12:00	02/07/00
12F 84-90"	5148.66	Soil	07-Feb-00 12:00	02/07/00
12F 96-102"	5148.67	Soil	07-Feb-00 12:00	02/07/00
12F 108-114"	5148.68	Soil	07-Feb-00 12:00	02/07/00
24D 0-6"	5148.69	Soil	07-Feb-00 11:55	02/07/00
24D 12-18"	5148.70	Soil	07-Feb-00 11:55	02/07/00
24D 24-30"	5148.71	Soil	07-Feb-00 11:55	02/07/00
24D 36-42"	5148.72	Soil	07-Feb-00 11:55	02/07/00
24D 48-54"	5148.73	Soil	07-Feb-00 11:55	02/07/00
24D 60-66"	5148.74	Soil	07-Feb-00 11:55	02/07/00
24D 72-78"	5148.75	Soil	07-Feb-00 11:55	02/07/00
24D 84-90"	5148.76	Soil	07-Feb-00 11:55	02/07/00
24D 96-102"	5148.77	Soil	07-Feb-00 11:55	02/07/00
24D 108-114"	5148.78	Soil	07-Feb-00 11:55	02/07/00
24E 0-6"	5148.79	Soil	07-Feb-00 14:05	02/07/00
24E 12-18"	5148.80	Soil	07-Feb-00 14:05	02/07/00
24E 24-30"	5148.81	Soil	07-Feb-00 14:05	02/07/00

SAMPLE LOCATION AND IDENTIFICATION

24E 36-42"	5148.82	Soil	07-Feb-00 14:05	02/07/00
24E 48-54"	5148.83	Soil	07-Feb-00 14:05	02/07/00
24E 60-66"	5148.84	Soil	07-Feb-00 14:05	02/07/00
24E 72-78"	5148.85	Soil	07-Feb-00 14:05	02/07/00
24E 84-90"	5148.86	Soil	07-Feb-00 14:05	02/07/00
24E 96-102"	5148.87	Soil	07-Feb-00 14:05	02/07/00
24E 108-114"	5148.88	Soil	07-Feb-00 14:05	02/07/00
24F 0-6"	5148.89	Soil	07-Feb-00 14:10	02/07/00
24F 12-18"	5148.90	Soil	07-Feb-00 14:10	02/07/00
24F 24-30"	5148.91	Soil	07-Feb-00 14:10	02/07/00
24F 36-42"	5148.92	Soil	07-Feb-00 14:10	02/07/00
24F 48-54"	5148.93	Soil	07-Feb-00 14:10	02/07/00
24F 60-66"	5148.94	Soil	07-Feb-00 14:10	02/07/00
24F 72-78"	5148.95	Soil	07-Feb-00 14:10	02/07/00
24F 84-90"	5148.96	Soil	07-Feb-00 14:10	02/07/00
24F 96-102"	5148.97	Soil	07-Feb-00 14:10	02/07/00
24F 108-114"	5148.98	Soil	07-Feb-00 14:10	02/07/00
24G 0-6"	5148.99	Soil	07-Feb-00 14:10	02/07/00
24G 12-18"	5148.100	Soil	07-Feb-00 14:10	02/07/00
24G 24-30"	5148.101	Soil	07-Feb-00 14:10	02/07/00
24G 36-42"	5148.102	Soil	07-Feb-00 14:10	02/07/00
24G 48-54"	5148.103	Soil	07-Feb-00 14:10	02/07/00
24G 60-66"	5148.104	Soil	07-Feb-00 14:10	02/07/00
24G 72-78"	5148.105	Soil	07-Feb-00 14:10	02/07/00
24G 84-90"	5148.106	Soil	07-Feb-00 14:10	02/07/00
24G 96-102"	5148.107	Soil	07-Feb-00 14:10	02/07/00
24G 108-114"	5148.108	Soil	07-Feb-00 14:10	02/07/00
24H 0-6"	5148.109	Soil	07-Feb-00 14:40	02/07/00
24H 12-18"	5148.110	Soil	07-Feb-00 14:40	02/07/00
24H 24-30"	5148.111	Soil	07-Feb-00 14:40	02/07/00
24H 36-42"	5148.112	Soil	07-Feb-00 14:40	02/07/00
24H 48-54"	5148.113	Soil	07-Feb-00 14:40	02/07/00
24H 60-66"	5148.114	Soil	07-Feb-00 14:40	02/07/00
24H 72-78"	5148.115	Soil	07-Feb-00 14:40	02/07/00
24H 84-90"	5148.116	Soil	07-Feb-00 14:40	02/07/00
24H 96-102"	5148.117	Soil	07-Feb-00 14:40	02/07/00
24H 108-114"	5148.118	Soil	07-Feb-00 14:40	02/07/00
Field Dup. 72-78"	5148.119	Soil	07-Feb-00	02/07/00
Field Dup. 84-90"	5148.120	Soil	07-Feb-00	02/07/00
Field Dup. 96-102"	5148.121	Soil	07-Feb-00	02/07/00
Field Dup. 108-114"	5148.122	Soil	07-Feb-00	02/07/00
10-D 0-6"	5207.01	Soil	29-Feb-00 08:30	02/29/00
10-D 12-18"	5207.02	Soil	29-Feb-00 08:30	02/29/00
10-D 24-30"	5207.03	Soil	29-Feb-00 08:30	02/29/00
10-D 36-42"	5207.04	Soil	29-Feb-00 08:30	02/29/00
10-D 48-54"	5207.05	Soil	29-Feb-00 08:30	02/29/00
10-D 60-66"	5207.06	Soil	29-Feb-00 08:30	02/29/00
10-D 72-78"	5207.07	Soil	29-Feb-00 08:30	02/29/00
10-D 84-90"	5207.08	Soil	29-Feb-00 08:30	02/29/00
10-D 96-102"	5207.09	Soil	29-Feb-00 08:30	02/29/00
10-D 108-114"	5228.01	Soil	08-Mar-00 09:45	03/08/00
10-D 120-126"	5228.02	Soil	08-Mar-00 09:45	03/08/00
10-D 132-138"	5228.03	Soil	08-Mar-00 09:45	03/08/00

SAMPLE LOCATION AND IDENTIFICATION

10-D 144-150"	5228.04	Soil	08-Mar-00 09:45	03/08/00
10-E 0-6"	5228.05	Soil	08-Mar-00 10:35	03/08/00
10-E 12-18"	5228.06	Soil	08-Mar-00 10:35	03/08/00
10-E 24-30"	5228.07	Soil	08-Mar-00 10:35	03/08/00
10-E 36-42"	5228.08	Soil	08-Mar-00 10:35	03/08/00
10-E 48-54"	5228.09	Soil	08-Mar-00 10:35	03/08/00
10-E 60-66"	5228.10	Soil	08-Mar-00 10:35	03/08/00
10-E 72-78"	5228.11	Soil	08-Mar-00 10:35	03/08/00
10-E 84-90"	5228.12	Soil	08-Mar-00 10:35	03/08/00
10-E 96-102"	5228.13	Soil	08-Mar-00 10:35	03/08/00
10-E 108-114"	5228.14	Soil	08-Mar-00 10:35	03/08/00
10-E 120-126"	5228.15	Soil	08-Mar-00 10:35	03/08/00
10-E 132-138"	5228.16	Soil	08-Mar-00 10:35	03/08/00
10-E 144-150"	5228.17	Soil	08-Mar-00 10:35	03/08/00
11-D 0-6"	5228.18	Soil	08-Mar-00 11:20	03/08/00
11-D 12-18"	5228.19	Soil	08-Mar-00 11:20	03/08/00
11-D 24-30"	5228.20	Soil	08-Mar-00 11:20	03/08/00
11-D 36-42"	5228.21	Soil	08-Mar-00 11:20	03/08/00
11-D 48-54"	5228.22	Soil	08-Mar-00 11:20	03/08/00
11-D 60-66"	5228.23	Soil	08-Mar-00 11:20	03/08/00
11-D 72-78"	5228.24	Soil	08-Mar-00 11:20	03/08/00
11-D 84-90"	5228.25	Soil	08-Mar-00 11:20	03/08/00
11-D 96-102"	5228.26	Soil	08-Mar-00 11:20	03/08/00
11-D 108-114"	5228.27	Soil	08-Mar-00 11:20	03/08/00
11-D 120-126"	5228.28	Soil	08-Mar-00 11:20	03/08/00
11-D 132-138"	5228.29	Soil	08-Mar-00 11:20	03/08/00
11-D 144-150"	5228.30	Soil	08-Mar-00 11:20	03/08/00
11-E 0-6"	5251.01	Soil	16-Mar-00 11:00	03/16/00
11-E 12-18"	5251.02	Soil	16-Mar-00 11:00	03/16/00
11-E 24-30"	5251.03	Soil	16-Mar-00 11:00	03/16/00
11-E 36-42"	5251.04	Soil	16-Mar-00 11:00	03/16/00
11-E 48-54"	5251.05	Soil	16-Mar-00 11:00	03/16/00
11-E 60-66"	5251.06	Soil	16-Mar-00 11:00	03/16/00
11-E 72-78"	5251.07	Soil	16-Mar-00 11:00	03/16/00
11-E 84-90"	5251.08	Soil	16-Mar-00 11:00	03/16/00
11-E 96-102"	5251.09	Soil	16-Mar-00 11:00	03/16/00
11-E 108-114"	5251.10	Soil	16-Mar-00 11:00	03/16/00
10-F 0-6"	5272.01	Soil	22-Mar-00 10:00	03/22/00
10-F 12-18"	5272.02	Soil	22-Mar-00 10:00	03/22/00
10-F 24-30"	5272.03	Soil	22-Mar-00 10:00	03/22/00
10-F 36-42"	5272.04	Soil	22-Mar-00 10:00	03/22/00
10-F 48-54"	5272.05	Soil	22-Mar-00 10:00	03/22/00
10-F 60-66"	5272.06	Soil	22-Mar-00 10:00	03/22/00
10-F 72-78"	5272.07	Soil	22-Mar-00 10:00	03/22/00
10-F 84-90"	5272.08	Soil	22-Mar-00 10:00	03/22/00
10-F 96-102"	5272.09	Soil	22-Mar-00 10:00	03/22/00
10-F 108-114"	5272.10	Soil	22-Mar-00 10:00	03/22/00
11-F 0-6"	5272.11	Soil	22-Mar-00 10:00	03/22/00
11-F 12-18"	5272.12	Soil	22-Mar-00 10:50	03/22/00
11-F 24-30"	5272.13	Soil	22-Mar-00 10:50	03/22/00
11-F 36-42"	5272.14	Soil	22-Mar-00 10:50	03/22/00
11-F 48-54"	5272.15	Soil	22-Mar-00 10:50	03/22/00
11-F 60-66"	5272.16	Soil	22-Mar-00 10:50	03/22/00

SAMPLE LOCATION AND IDENTIFICATION

11-F 72-78"	5272.17	Soil	22-Mar-00 10:50	03/22/00
11-F 84-90"	5272.18	Soil	22-Mar-00 10:50	03/22/00
11-F 96-102"	5272.19	Soil	22-Mar-00 10:50	03/22/00
11-F 108-114"	5272.20	Soil	22-Mar-00 10:50	03/22/00
12-F 0-6"	5272.21	Soil	22-Mar-00 11:40	03/22/00
12-I 12-18"	5272.22	Soil	22-Mar-00 11:40	03/22/00
12-I 24-30"	5272.23	Soil	22-Mar-00 11:40	03/22/00
12-I 36-42"	5272.24	Soil	22-Mar-00 11:40	03/22/00
12-I 48-54"	5272.25	Soil	22-Mar-00 11:40	03/22/00
12-I 60-66"	5272.26	Soil	22-Mar-00 11:40	03/22/00
12-I 72-78"	5272.27	Soil	22-Mar-00 11:40	03/22/00
12-I 84-90"	5272.28	Soil	22-Mar-00 11:40	03/22/00
12-I 96-102"	5272.29	Soil	22-Mar-00 11:40	03/22/00
12-I 108-114"	5272.30	Soil	22-Mar-00 11:40	03/22/00
12-H 0-6"	5272.31	Soil	22-Mar-00 12:00	03/22/00
12-H 12-18"	5272.32	Soil	22-Mar-00 12:00	03/22/00
12-H 24-30"	5272.33	Soil	22-Mar-00 12:00	03/22/00
12-H 36-42"	5272.34	Soil	22-Mar-00 12:00	03/22/00
12-H 48-54"	5272.35	Soil	22-Mar-00 12:00	03/22/00
12-H 60-66"	5272.36	Soil	22-Mar-00 12:00	03/22/00
12-H 72-78"	5272.37	Soil	22-Mar-00 12:00	03/22/00
12-H 84-90"	5272.38	Soil	22-Mar-00 12:00	03/22/00
12-H 96-102"	5272.39	Soil	22-Mar-00 12:00	03/22/00
12-H 108-114"	5272.40	Soil	22-Mar-00 12:00	03/22/00
12-G 0-6"	5272.41	Soil	22-Mar-00 13:15	03/22/00
12-G 12-18"	5272.42	Soil	22-Mar-00 13:15	03/22/00
12-G 24-30"	5272.43	Soil	22-Mar-00 13:15	03/22/00
12-G 36-42"	5272.44	Soil	22-Mar-00 13:15	03/22/00
12-G 48-54"	5272.45	Soil	22-Mar-00 13:15	03/22/00
12-G 60-66"	5272.46	Soil	22-Mar-00 13:15	03/22/00
12-G 72-78"	5272.47	Soil	22-Mar-00 13:15	03/22/00
12-G 84-90"	5272.48	Soil	22-Mar-00 13:15	03/22/00
12-G 96-102"	5272.49	Soil	22-Mar-00 13:15	03/22/00
12-G 108-114"	5272.50	Soil	22-Mar-00 13:15	03/22/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's, %SOLIDS

12-April-2000
Daniel Wright/Date
Laboratory Director

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Boring 26	794-803
Boring 27	804-824
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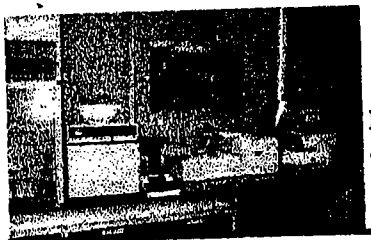
SAMPLING

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL PCB INVESTIGATION

Samplers Name / Company: MARK LAUCA T.V.S. - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+IS	PCB						TNTC	Comments: Remarks / Preservation Method
(MW 2-17-99) 1	~~TRIP BLANK~~	2-17-99	—	AQ.	2	X								HCL
4781 2	FIELD BLANK	2-18-99	1045	AQ.	1		X							≤ 4°C
3	M2MW102 - 0-6"	"	1110	SOIL	1		X						0 PPM	"
4	" - 12-18"	"	"	"	"		X						"	"
5	" - 24-30"	"	"	"	"		X						"	"
6	" - 36-42"	"	"	"	"		X						"	"
7	" - 48-54"	"	"	"	"		X						"	"
8	" - 60-66"	"	"	"	"		X						"	"
9	M2MW102 - 0-6"	"	1200	"	"		X						"	"
10	" - 12-18"	"	"	"	"		X						"	"
11	" - 24-30"	"	"	"	"		X						"	"
12	" - 36-42"	"	"	"	"		X						"	"
13	" - 48-54"	"	"	"	"		X						"	"
14	" - 60-66"	"	"	"	"		X						"	"

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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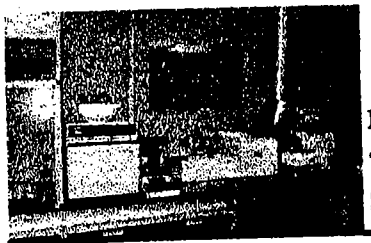

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL PCB INVESTIGATION

Samplers Name / Company :

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	PCB						HNU	Remarks / Preservation Method
4281 15	M2MW03 - 0-6"	2-17-99	1325	SOIL	1		X							<4°C
16	" - 12-18"	"	"	"	"		X							"
17	" - 24-30"	"	"	"	"		X							"
18	" - 36-42"	"	"	"	"		X							"
19	" - 48-54"	"	"	"	"		X							"
20	" - 60-66"	"	"	"	"		X							"
21	M2MW04 - 0-6"	"	1400	"	"		X							"
22	" - 12-18"	"	"	"	"		X							"
23	" - 24-30"	"	"	"	"		X							"
24	" - 36-42"	"	"	"	"		X							"
25	" - 48-54"	"	"	"	"		X							"
26	" - 60-66"	"	"	"	"		X							"
27	M2MW01	"	1425	AQ.	"		X							"
28	M2MW02	"	1440	"	"		X							"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Matthew	2-17-99 1515	J. Heimer			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround Time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALON
Phone #: 26223
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
PCB INVESTIGATION

Samplers Name / Company :

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters P C B	Remarks / Preservation Method
42981 29	M2MW99 03 Dup	2-17-99	1448	AQ.	1	X	4°C
30	M2MW99 04	"	1505	"	"	X	"

Comments: see pg. 1

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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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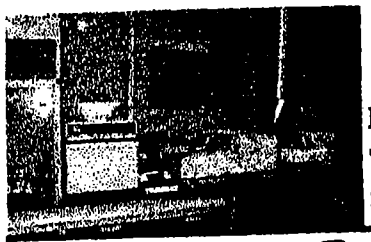

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: x26223
(✓)DERA ( )OMA ( )Other:

Project No: 4/24/99
Location: M-2 LANDFILL MW-1T PCB OC INVESTIGATION

Samplers Name / Company: MARK LAURA T.V.S. AMSO7

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	HNU	Remarks / Preservation Method
4285. 1	FIELD BLANK	2-19-99	1000	AQ.	1	X	0 PPM	4°C
2	05 - 0-6"	"	1020	SOIL	1	X	"	"
3	" 12-18"		"	"	"	X	"	"
4	" 24-30"		"	"	"	X	"	"
5	" 36-42"		"	"	"	X	"	"
6	" 48-54"		"	"	"	X	"	"
7	" 60-66"		"	"	"	X	"	"
8	06 - 0-6"		1120	"	"	X	"	"
9	" - 12-18"		"	"	"	X	"	"
10	" - 24-30"		"	"	"	X	"	"
11	" - 36-42"		"	"	"	X	"	"
12	" - 48-54"		"	"	"	X	"	"
13	" - 60-66"		"	"	"	X	10 PPM	"
14	07 - 0-6"		1500	"	"	X		"

Comments: Cal #2 HNU
" #1 OVA
O.K. (M)

Analysis Parameters

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Turnaround Time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALGIN
Phone #: 26223
(✓)DERA ( )OMA ( )Other:
Project No:
Location: AZ LAURA MW IN OLD INVESTIGATION
Samplers Name / Company: MARK LAURA T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	P	C	B	Comments: Remarks / Preservation Method
4285 15	04 - 12-18"	2-19-99	1500	soil	1	X			see pg. 1 / 4°C
16	" - 24-30"	"	"	"	"	X			"
17	" - 36-42"	"	"	"	"	X			"
18	" - 48-54"	"	"	"	"	X			"
19	" - 60-66"	"	"	"	"	X			"
20	05 - 7-10'	"	1135	AQ.	1	X			"
21	06 - "	"	1150	"	1	X			"
22	07 - "	"	1520	"	1	X			"

Analysis Parameters

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Mark Laura	2-19-99 1535	J. Clayton			
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Turnaround time: (✓)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALON
Phone #: 26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: NL LANDFILL/LF4 INVESTIGATION

Samplers Name / Company: MARK LAUER T.V.S. PHS AT

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB							HNU	Comments: Remarks / Preservation Method
4290. 1	FIELD BLANK	2-22-99	1000	AQ.	1	X							—	<4°C
2	08- 0-6"	"	1100	SOIL	"	"							8 PPM	"
3	" 12-18"	"	"	"	"	"							"	"
4	" 24-30"	"	"	"	"	"							"	"
5	" 36-42"	"	"	"	"	"							"	"
6	" 48-54"	"	"	"	"	"							"	"
7	" 60-66"	"	"	"	"	"							"	"
8	09 0-6"	"	1140	"	"	"							"	"
9	" 12-18"	"	"	"	"	"							"	"
10	" 24-30"	"	"	"	"	"							"	"
11	" 36-42"	"	"	"	"	"							"	"
12	" 48-54"	"	"	"	"	"							"	"
13	" 60-66"	"	"	"	"	"							"	"
14	10 0-6"	"	1340	"	"	"							"	"

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Turnaround time: (_)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:
Project No:
Location: M-2 Landfill MW/PZ/EB Investigation
Samplers Name / Company: Mark Lauca T.V.S. Aus-07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P C B	H N U	Comments: Remarks / Preservation Method
4290 15	10 12-18"	2-22-99	1340	SOIL	1	X	0 ppm	see pg. 1
16	" 24-30"	"	"	"	"	"	"	"
17	" 36-42"	"	"	"	"	"	"	"
18	" 48-54"	"	"	"	"	"	10 ppm	(OVA) "
19	" 60-66"	"	"	"	"	"	0 ppm	"
20	11 0-6"		1430	"	"	"	"	"
21	" 12-18"		"	"	"	"	"	"
22	" 24-30"		"	"	"	"	"	"
23	" 36-42"		"	"	"	"	"	"
24	" 48-54"		"	"	"	"	"	"
25	" 60-66"		"	"	"	"	5 ppm	(OVA) "
26	12 0-6"		1510				"	"
27	" 12-18"		"				"	"
28	" 24-30"		"				"	"

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	2-22-99 1555				
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Remarks:

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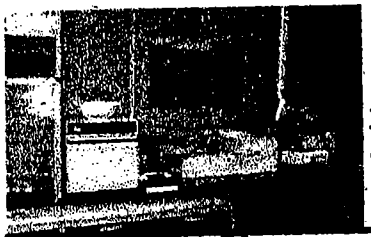

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: X26223
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 Landfill MW#100PCB Investigation

Samplers Name / Company: Mark Lewis T.V.S. Plus-07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Analysis Parameters: HNU	Comments: Remarks / Preservation Method
4290 24	12 36-42"	2-22-99	1510	SOIL	1	X		<4°C
30	" 48-54"	"	"	"	"	"		"
31	" 60-66"	"	"	"	"	"		"
32	8 7-10'	"	1520	AQ.	"	"		"
33	9 "	"	1525	"	"	"		"
34	10 "	"	1532	"	"	"		"
35	11 "	"	1536	"	"	"		"
36	12 "	"	1541	"	"	"		"

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Remarks:

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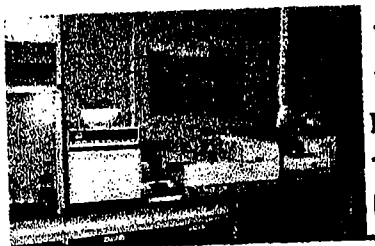

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: X26626
( )DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL MW #'s 06 & 07 PCB Investigation MW 26

Samplers Name / Company: MARK LAURA T.T.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB							HNU	Comments: Cal. #2 HNU #1 OVA / Remarks / Preservation Method
4294. 1	FIELD BLANK	2-23-95	0915	AQ.	1	X							—	<4°C
2	13 0-6"		1010	SOIL	"	"							0 ppm	"
3	" 12-18"		"	"	"	"							"	"
4	" 24-30"		"	"	"	"							"	"
5	" 36-42"		"	"	"	"							"	"
6	" 48-54"		"	"	"	"							"	"
7	" 60-66"		"	"	"	"							"	"
8	14 0-6"		1048	"	"	"							"	"
9	" 12-18"		"	"	"	"							"	"
10	" 24-30"		"	"	"	"							"	"
11	" 36-42"		"	"	"	"							"	"
12	" 48-54"		"	"	"	"							"	"
13	" 60-66"		"	"	"	"							"	"
14	15 0-6"		1135	"	"	"							"	"

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[signature]	2-23-95 1540				
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Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000011

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: x26623
(X)DERA ( )OMA ( )Other:
Project No:
Location: MZ LANDFILL MW06 PCB INVESTIGATION MW20 09
Samplers Name / Company: MACK LAWRA T.V.S-PWS07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB							HNU	Comments: Remarks / Preservation Method
HQ94. 15	15 MZMW06 12-18"	2-23-99	1135	soil	1	X							0 PPM	<4oC
16	" - 24-30"	"	"	"	"	"							4	"
17	" - 36-42"	"	"	"	"	"							"	"
18	" - 48-54"	"	"	"	"	"							"	"
19	" - 60-66"	"	"	"	"	"							"	"
20	13 7-10'	"	1350	AQ.	"	"							"	"
21	14 "	"	1420	"	"	"							"	"
22	15 "	"	1430	"	"	"							"	"
23	16 MAMW09 0-6"	"	1525	soil	"	"								
24	" 12-18"	"	"	"	"	"								
25	" 24-30"	"	"	"	"	"								
26	" 36-42"	"	"	"	"	"								
27	" 48-54"	"	"	"	"	"								
28	" 60-66"	"	"	"	"	"								

See pg. 1

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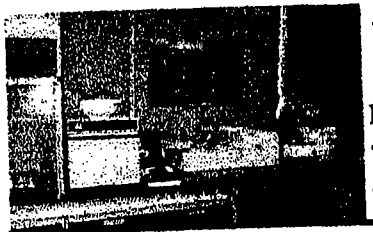
		[signature]			

Report: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

0000.2



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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: x26223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: AR LANDFILL MW 30 PCB INVESTIGATION 09 & 24

Samplers Name / Company : MARK LAURA T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P	C	B	Comments: Remarks / Preservation Method
4299. 1	FIELD BLANK	2-24-99	0945	AQ.	1	X			COOL
2	16 8-10'	"	1525	"	"	"			"
3	17 0-6"		1430	SOIL	"	"			* HAND AUGER "
4	" 12-18"		1435	"	"	"			" "
5	" 24-30"		1445	"	"	"			" "
6	" 36-42"		1455	"	"	"			" "
7	" 48-54"		1502	"	"	"			" "
8	" 60-66"		1510	"	"	"			

03-08 Cancelled
only analyze FB and 16 8-10' JH 4/3/99

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	2-24-99 1400				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks: * CANNOT USE GEOPROBE @ THIS LOCATION TODAY DUE TO UNMARKED U.G. UTILITY @ THIS AREA

000013

Change of Chain of Custody

Lab Project ID#: 4299 Site/Project Name: M2 Landfill MW20

Date Received: 2/24/99 Date of Change: 3/5/99

Requested by: print) Hamer Sign: Ham

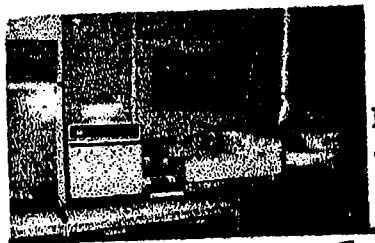
Turnaround Time: Standard

1. Were the correct containers and/or preservatives used for the tests indicated? Yes No
2. Was a sufficient amount of sample sent for the tests indicated? Yes No
3. Are samples Within Holding time for new analysis? Yes No
4. Was the change documented in the sample receipt log book? Yes No

Received by: print JV Sign:

Sample ID#	New Analysis		Sample ID#	New Analysis
4299.03	Cancelled			
04				
05				
06				
07				
08				

Comments: Only analyze 4299.01 and 4299.02



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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26223
(X)DERA ( )OMA ( )Other:

Project No: MW 99 20 Rd/24
Location: M-2 LANDFILL
PCB INVESTIGATION

Samplers Name / Company: MARK LAURA T.V.S. PMSO7

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB							H NU	Comments: Remarks / Preservation Method
4307. 1	17 — 0-6"	3-1-99	1056	SOIL	1	X							PPM	<4°C
2	11 12-18"		1100										11	
3	11 24-30"		1103										11	
4	11 36-42"		1110										11	
5	11 48-54"		1116										11	
6	11 60-66"		1120										11	
7	18 0-6"		1136										11	
8	11 12-18"		1141										11	
9	11 24-30"		1148										11	
10	11 36-42"		1152										11	
11	11 48-54"		1340										11	
12	11 60-66"		1345										11	
13	19 0-6"		1350										11	
14	11 12-18"		1355										11	

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: (✓)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: USED HAND AUGER TO AQUIRE SAMPLES

0000.5

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)ERA ( )OMA ( )Other:

Project No: 09464
Location: MW-20 M-2 LANDFILL
PCB INVESTIGATION

Samplers Name / Company: MARK LAURA T.U.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Analysis Parameters: TN	Comments: Remarks / Preservation Method
4307. 15	19 24-30"	3-1-99	1400	soil	1	X	9mm	c4oc
16	" 36-42"		1405				"	
17	" 48-54"		1410				"	
18	" 60-66"		1415				"	
19	20 0-6"		1420				"	
20	" 12-18"		1425				"	
21	" 24-30"		1430				"	
22	" 36-42"		1435				"	
23	" 48-54"		1440				"	
24	" 60-66"		1445				"	

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	3-1-99 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report T:)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: see Pg. 1

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26223
(✓)DERA ( )OMA ( )Other:
Project No:
Location: M-2 LANDFILL MW-~~20~~ 09 PCB INVESTIGATION
Samplers Name / Company: MARK LAURA T.V.S. PWS07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	HNU	Remarks / Preservation Method
4313. 1	FIELD BLANK	3-2-99	0955	AQ.	1	X	0 ppm	<4°c
2	21 0-6"		1140	SOIL	1		"	
3	12-18"		"	"			"	
4	24-30"		"	"			"	
5	36-42"		"	"			"	
6	48-54"		"	"			"	
7	60-66"		"	"			"	
8	19 1-10' ~~7.5-10.5'~~		1210	AQ.			"	
9	20 7-10'		1300	"			"	
10	21 7-10'		1310	"			"	
11	22 0-6"		1400	SOIL			"	
12	" 12-18"		"	"			"	
13	" 24-30"		"	"			"	
14	" 36-42"		"	"			"	

Comments: Cal. #2 HNU O.K. (MD) #1 OVA

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Mark Laura	3-2-99 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL NW ~~69~~ RFI INVESTIGATION 4/14

Samplers Name / Company : MARK LAUGHT T.V.S. PWSOT

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P C B / H N U	Comments: Remarks / Preservation Method
4313.15	22 48-54"	3-2-99	1400	SOIL	1	X / PPM	<4°C
16	" 60-66"		"	"		"	
17	22 7-10'		1410	AQ		"	
18	23 0-6"		1450	SOIL		"	
19	" 12-18"		"	"		"	
20	" 24-30"		"	"		"	
21	" 36-42"		"	"		"	
22	" 48-54"		"	"		"	
23	" 60-66"		"	"		"	
24	" 7-10'		1510	AQ.		"	

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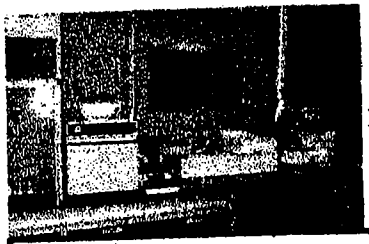
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround Time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

00012



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fiorenzi
Phone #: 2662 3
(✓)ERA ( )OMA ( )Other:

Project No:
Location: M2 Landfill
MW 7-09 Phase II Investigation 10/24

Samplers Name / Company: Mark Lamm T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB							HNU	Comments: Remarks / Preservation Method
4316. 1	Field Blank	3-3-99	1000	AQ.	1	X							0	4°C
2	24 0-6"		1025	soil									0 ppm	
3	" 12-18"		"	"									"	
4	" 24-30"		"	"									"	
5	" 36-42"		"	"									"	
6	" 48-54"		"	"									"	
7	" 60-66"		"	"									"	
8	24 7-10'		1045	AQ									"	
9	25 0-6"		1140	soil									"	
10	" 12-18"		"	"									"	
11	" 24-30"		"	"									"	
12	" 36-42"		"	"									"	
13	" 48-54"		"	"									"	
14	" 60-66"		"	"									"	

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Mark Lamm	3-3-99 1530				
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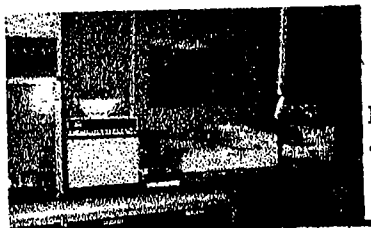
Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

67000



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
MW 20 PCB INVESTIGATION

Samplers Name / Company: Mark Laura T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Analysis Parameters: HNU	Remarks / Preservation Method
4316.15	25 7-10'	3-3-99	1150	AQ.	1	X	6	4°C
16	26 0-6"		1330	soil	1		"	
17	" 12-18"		"	"			"	
18	" 24-30"		"	"			"	
19	" 36-42"		"	"			"	
20	" 48-54"		"	"			"	
21	" 60-66"		"	"			"	
22	26 7-10'		1345	AQ.			"	
23	27 0-6"		1440	soil			"	
24	" 12-18"		"	"			"	
25	" 24-30"		"	"			"	
26	" 36-42"		"	"			"	
27	" 48-54"		"	"			"	
28	" 60-66		"	"			"	

Comments: see pg. 1

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Report T (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000020

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL MW 36 PCB INVESTIGATION 09 Q 4/24

Samplers Name / Company: MARK LAUCA T.V.S. PW507

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB							HNU	Comments: see pg. 1 Remarks / Preservation Method
4316.29	27 7-10'	3-3-99	1510	AQ.	1	X							ppm	<4°c

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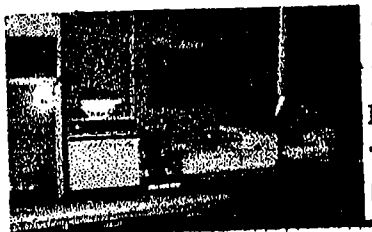
[signature]	3-3-99 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:



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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: 26623
(X)DERA ( )OMA ( )Other:

Project No:
Location: M2 LANDFILL
MW-2B4 PCB, INVESTIGATION

Samplers Name / Company: Mark Lewis TNS PRS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P C B	Analysis Parameters: H N U	Comments: Remarks / Preservation Method
4320 1	Field Blank	3-5-99	0940	AQ.	1	X		<4°C
2	17 7-10'		~~0955~~ 0955	"				"
3	18 "		1037	"				"
4	28 0-6"		1015	Soil				HAND AUGER
5	" 12-18"		"					"
6	" 24-30"		"					"
7	" 36-42"		"					"
8	" 48-54"		"					"
9	" 60-66"		"					"
10	29 0-6"		1040					"
11	12-18"		"					"
12	24-30"		"					"
13	36-42"		"					"
14	48-54"		"					"

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	3-5-99 1320				
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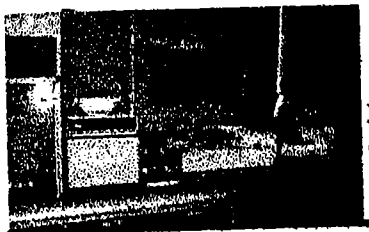
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

220000



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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: x26623
(✓)DERA ( )OMA ( )Other:
Project No:
Location: AM-2 LANDFILL MW 78 PCB INVESTIGATION
Samplers Name / Company: MARK LAURA T.V.S. AWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Analysis Parameters: HNU	Comments: Remarks / Preservation Method
4320-15	29 60-66"	3-5-99	1040	SOIL	1			HAND AUGER COLD
16	30 0-6"		1100					" "
17	12-18"		"					" "
18	24-30"		"					" "
19	36-42"		"					" "
20	48-54"		"					" "
21	60-66"		"					
MW78								
22	FIELD DUP 0-6"		"					" "
23	12-18"		"					" "
24	24-30"		"					" "
25	36-42"		"					" "
26	48-54"		"					" "
27	60-66"		"	↓	↓			" "

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[signature]		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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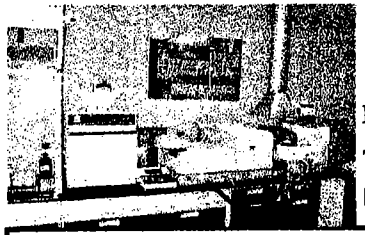

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL
PCB DELINEATION
Samplers Name / Company: MARK LAMEA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
4890 1	10-A - 0-6"	10-27-99	1100	SOIL	1	X	4°C
2	" - 12-18"	"	"	"	"	X	"
3	" - 24-30"	"	"	"	"	X	"
4	" - 36-42"	"	"	"	"	X	"
5	" - 48-54"	"	"	"	"	X	"
6	" - 60-66"	"	"	"	"	X	"
7	" - 72-78"	"	"	"	"	X	"
8	" - 84-90"	"	"	"	"	X	"
9	" - 90-96"	"	"	"	"	X	"
10	11-A - 0-6"	"	1145	"	"	X	"
11	" 12-18"	"	"	"	"	X	"
12	" 24-30"	"	"	"	"	X	"
13	" 36-42"	"	"	"	"	X	"
14	" 48-54"	"	"	"	"	X	"

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[signature]	10-28-99 1736	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: G.W. SAMPLES WILL BE TAKEN ON 10-29-99

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON | Project No: | Analysis Parameters | **Comments:**

Phone #: 26623 | Location: M-2 LANDFILL

(✓)DERA ( )OMA ( )Other:_____ | PCB DELINEATION

Samplers Name / Company: MARK LAUNA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
4540 15	11-A – 60-66"	10-27-99	1145	SOIL	1	X								4°C
16	" – 72-78"	"	"	"	"	X								"
17	" – 84-90"	"	"	"	"	X								"
18	" – 90-96"	"	"	"	"	X								"
19	15-A – 0-6"	"	1330	"	"	X								"
20	" – 12-18"	"	"	"	"	X								"
21	" – 24-30"	"	"	"	"	X								"
22	" – 36-42"	"	"	"	"	X								"
23	" – 48-54"	"	"	"	"	X								"
24	" – 60-66"	"	"	"	"	X								"
25	" – 72-78"	"	"	"	"	X								"
26	" – 84-90"	"	"	"	"	X								"
27	" – 90-96"	"	"	"	"	X								"
28	3-A – 0-6"	"	1423	"	"	X								"

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	10-25-99 730				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified

Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALON | **Project No:** | **Location:** M-2 LANDFILL PCB DILINEATION

Phone #: 26623

(✓)DERA ( )OMA ( )Other:_____

Samplers Name / Company: MARK LAUCH - TVS-PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
4890. 29	3-A — 12-18"	10-27-99	1423	SOIL	1	X	cpc
30	" — 24-30"	"	"	"	"	X	"
31	" — 36-42"	"	"	"	"	X	"
32	" — 48-54"	"	"	"	"	X	"
33	" — 60-66"	"	"	"	"	X	"
34	" — 72-78"	"	"	"	"	X	"
35	" — 84-90"	"	"	"	"	X	"
36	" — 90-96"	"	"	"	"	X	"
37	6-A — 0-6"	"	1500	"	"	X	"
38	" — 12-18"	"	"	"	"	X	"
39	" — 24-30"	"	"	"	"	X	"
40	" — 36-42"	"	"	"	"	X	"
41	" — 48-54"	"	"	"	"	X	"
42	" — 60-66"	"	"	"	"	X	"

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified

Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

920000

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALON
Phone #: 26623
(M)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
48910.43	6-A — 72-78"	10-27-99	1500	soil	1	X	
44	" — 84-90"		"				
45	" — 90-96"		"				
46	9-A 0-6"		1540				
47	12-18"		"				
48	24-30"		"				
49	36-42"		"				
50	48-54"		"				
51	60-66"		"				
52	72-78"		"				
53	84-90"		"				
54	90-96"		"				
~~55~~	~~FIELD BLANK~~		~~1530~~				

Comments:

Analysis Parameters: PCB

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	10-28-99 730				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL
PCB DELINEATION
Samplers Name / Company: MARK LAURA - TVS-PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
4903 1	FIELD BLANK	11-1-99	0930	AQ.	1	X								<40C
2	24-A — 0-6"	"	1020	SOIL	2	X								"
3	" — 12-18"	"	"	"	"	X								"
4	" — 24-30"	"	"	"	"	X								"
5	" — 36-42"	"	"	"	"	X								"
6	" — 48-54"	"	"	"	"	X								"
7	" — 60-66"	"	"	"	"	X								"
8	" — 72-78"	"	"	"	"	X								"
9	21-A — 0-6"	"	1055	"	1	X								"
10	" — 12-18"	"	"	"	"	X								"
11	" — 24-30"	"	"	"	"	X								"
12	" — 36-42"	"	"	"	1	X								"
13	" — 48-54"	"	"	"	"	X								"
14	" — 60-66"	"	"	"	"	X								"

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[signature]	11-1-99 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 14 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company: MARK LAMERA - TVS - PWSOD

Analysis Parameters: P, C, B

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	P	C	B	Comments: Remarks / Preservation Method
4903.15	21-A — 72-78"	11-1-99	1055	SOIL	1	X			<4°C
16	18-A — 0-6"	"	1125	"	"	X			"
17	" — 12-16"	"	"	"	"	X			"
18	" — 24-30"	"	"	"	"	X			"
19	" — 36-42"	"	"	"	"	X			"
20	" — 48-54"	"	"	"	"	X			"
21	" — 60-66"	"	"	"	"	X			"
22	" — 72-78"	"	"	"	"	X			"
23	27-A — 0-6"	"	1155	"	"	X			"
24	" — 12-18"	"	"	"	"	X			"
25	" — 24-30"	"	"	"	"	X			"
26	" — 36-42"	"	"	"	"	X			"
27	" — 48-54"	"	"	"	"	X			"
28	" — 60-66"	"	"	"	"	X			"

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[signature]	11-1-99 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 14 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 76623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL
PCB DELINEATION
Samplers Name / Company: MARK LAMERA - TVS-PWSO7

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Comments: Remarks / Preservation Method
4903.29	27-A — 72-78"	11-1-99	1155	SOIL	1	X								<40C
30	24A— 7-11'	"	1315	AQ	"	X								"
31	21A— "	"	1330	"	"	X								"
32	18A— "	"	1340	"	"	X								"
33	27A— "	"	1355	"	"	X								"
34	FIELD DUP. 0-6"	"	—	SOIL	"	X								"
35	" 12-18"	"	—	"	"	X								"
36	" 24-30	"	—	"	"	X								"
37	" 36-42"	"	—	"	"	X								"
38	" 48-54"	"	—	"	"	X								"
39	" 60-66"	"	—	"	"	X								"
40	" 72-78"	"	—	"	"	X								"
41	" 7-11'	"	—	AQ.	"	X								"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-1-99 1430	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 10 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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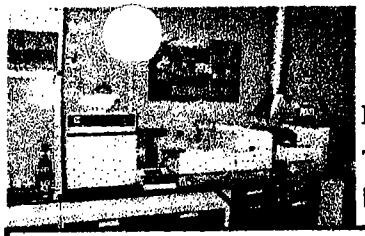

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26623
(X)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
4963. 1	FIELD BLANK	11-23-99	0900	AQ.	1	X	C4°C
2	9-B 0-6"	"	0945	SOIL	1	X	"
3	" 12-18"	"	"	"	"	X	"
4	" 24-30"	"	"	"	"	X	"
5	" 36-42"	"	"	"	"	X	"
6	" 48-54"	"	"	"	"	X	"
7	" 60-66"	"	"	"	"	X	"
8	" 72-78"	"	"	"	"	X	"
9	" 84-90"	"	"	"	"	X	"
10	" 8-11'	"	1010	AQ.	"	X	"
11	6-B 0-6"	"	1110	SOIL	"	X	"
12	" 12-18"	"	"	"	"	X	"
13	" 24-30"	"	"	"	"	X	"
14	" 36-42"	"	"	"	"	X	"

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[signature]	11-23-99 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 1 WK Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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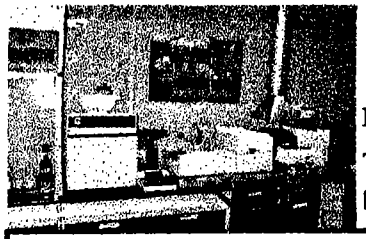

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Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(√)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL PCB DELINEATION

Samplers Name / Company: MARK LAURA-TVS- PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
4963.15	6-B 48-54"	11-23-99	1110	soil	1	X	<4°c
16	〃 60-66"	〃	〃	〃	〃	X	〃
17	〃 72-78"	〃	〃	〃	〃	X	〃
18	〃 84-90"	〃	〃	〃	〃	X	〃
19	〃 8-11'	〃	1120	AQ.	〃	X	〃
20	3-B 0-6"	〃	1150	soil	〃	X	〃
21	〃 12-18"	〃	〃	〃	〃	X	〃
22	〃 24-30"	〃	〃	〃	〃	X	〃
23	〃 36-42"	〃	〃	〃	〃	X	〃
24	〃 48-54"	〃	〃	〃	〃	X	〃
25	〃 60-66"	〃	〃	〃	〃	X	〃
26	〃 72-78"	〃	〃	〃	〃	X	〃
27	〃 84-90"	〃	〃	〃	〃	X	〃
28	〃 8-11'	〃	1250	AQ.	〃	X	〃

Comments: see pg. 1

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[signature]	11-23-99 1575	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 1 wk days, ( )ASAP Verbal ____ Hrs.

Remarks:

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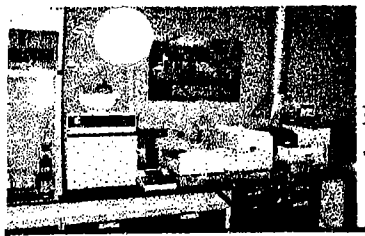

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON	Project No:	Analysis Parameters	**Comments:**
Phone #: 26623	Location: M-2 LANDFILL PCB DELINEATION		
(X)DERA ( )OMA ( )Other:_____			
Samplers Name / Company: MARK LAUREN - TVS-PWSO7			

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
9963.29	15-B 0-6"	11-23-99	1320	SOIL	1	X								<4°C
30	" 12-18"	"	"	"	"	X								"
31	" 24-30"	"	"	"	"	X								"
32	" 36-42"	"	"	"	"	X								"
33	" 48-54"	"	"	"	"	X								"
34	" 60-66"	"	"	"	"	X								"
35	" 72-78"	"	"	"	"	X								"
36	" 84-90"	"	"	"	"	X								"
37	" 8-11'	"	1335	AQ.	"	X								"
38	27 B 0-6"	"	1425	SOIL	"	X								"
39	" 12-18"	"	"	"	"	X								"
40	" 24-30"	"	"	"	"	X								"
41	" 36-42"	"	"	"	"	X								"
42	" 48-54"	"	"	"	"	X								"

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[signature]	11-23-99 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 1 WK days, ( )ASAP Verbal ____Hrs.

Remarks:

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Comments: Remarks / Preservation Method
49103.43	27-B 60-66"	11-23-99	1425	soil	1	X	24hr
44	" 72-78"	"	"	"	"	X	"
45	" 84-90"	"	"	"	"	X	"
46	" 8-11'	"	1435	AQ.	"	X	"
47	18-B 0-6"	"	1455	soil	"	X	"
48	" 12-18"	"	"	"	"	X	"
49	" 24-30"	"	"	"	"	X	"
50	" 36-42"	"	"	"	"	X	"
51	" 48-54"	"	"	"	"	X	"
52	" 60-66"	"	"	"	"	X	"
53	" 72-78"	"	"	"	"	X	"
54	" 84-90"	"	"	"	"	X	"
55	" 8-11'	"	1505	AQ.	"	X	"

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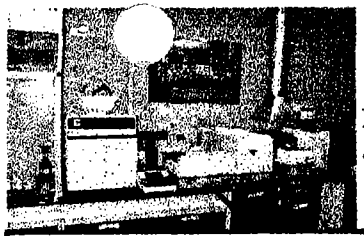
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 1 wk days, ( )ASAP Verbal ___ Hrs.

Remarks:

000034

print legibly

COC.xls11/5/99



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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL PCB DELINEATION
Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
4965 - 1	FIELD BLANK	11-24-99	0820	AQ.	1	X	4°C
2	21-B 0-6"	"	0920	SOIL	"	X	"
3	" 12-18"	"	"	"	"	X	"
4	" 24-30"	"	"	"	"	X	"
5	" 36-42"	"	"	"	"	X	"
6	" 48-54"	"	"	"	"	X	"
7	" 60-66"	"	"	"	"	X	"
8	" 72-78"	"	"	"	"	X	"
9	" 84-90"	"	"	"	"	X	"
10	" 8-11'	"	0930	AQ.	"	X	"
11	24-B 0-6"	"	0955	SOIL	"	X	"
12	" 12-18"	"	"	"	"	X	"
13	" 24-30"	"	"	"	"	X	"
14	" 36-42"	"	"	"	"	X	"

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	11-24-99 1040				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 3 wks, (X)Rush 1 WK Days, (_)ASAP Verbal ____ Hrs.

Remarks:

000035

print legibly

Coc.xls11/23/99

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL
PCB DELINEATION
Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Comments: Remarks / Preservation Method
4965'15	24-B 48-54"	11-24-99	0955	soil	1	X	4°C
16	" 60-66"	"	"	"	"	X	"
17	" 72-78"	"	"	"	"	X	"
18	" 84-90"	"	"	"	"	X	"
19	" 8-11'	"	1010	AQ.	"	X	"
20	Field Dup. 0-6"	"	—	soil	"	X	"
21	" 12-18"	"	—	"	"	X	"
22	" 24-30"	"	—	"	"	X	"
23	" 36-42"	"	—	"	"	X	"
24	" 48-54"	"	—	"	"	X	"
25	" 60-66"	"	—	"	"	X	"
26	" 72-78"	"	—	"	"	X	"
27	" 84-90"	"	—	"	"	X	"
28	" 8-11'	"	—	AQ.	"	X	"

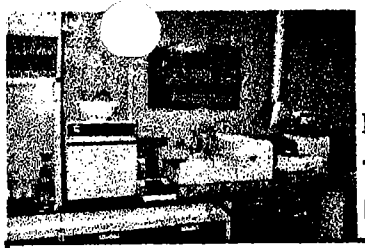
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-24-99 1040	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 10 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

print legibly

Cocs 11/23/99



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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(✓)DERA ( )OMA ( )Other:
Project No:
Location: M-Z Landfill PCB
Samplers Name / Company: Mark Lauren - TVS-PWS 07

Analysis Parameters: PCB

Comments: NO INSTR.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
5119. 1	11-B 0-6"	1-24-00	0930	soil	1	X	4oz
2	" 12-18"		"				
3	" 24-30"		"				
4	" 36-42"		"				
5	" 48-54"		"				
6	" 60-66"		"				
7	12-A 0-6"		1000				
8	" 12-18"		"				
9	" 24-30"		"				
10	" 36-42"		"				
11	" 48-54"		"				
12	" 60-66"		"				
13	12B 0-6"		1030				
14	" 12-18"		"				

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Lauren	1-24-00 1415	J. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000037

print legibly

Coc1/6/00

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #:
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
PCB
Samplers Name / Company: Mark Laurent - TVS- PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
5119.15	12-B – 24-30"	1-24-00	1030	soil	1	X								4°C
16	" – 36-42"		"											
17	" – 48-54"		"											
18	" – 60-66"		"											
19	12-C – 0-6"		1115											
20	" – 12-18"		"											
21	" – 24-30"		"											
22	" – 36-42"		"											
23	" – 48-54"		"											
24	" – 60-66"		"											
25	1 – 72-78"		1000											
26	" – 84-90"		"											
27	" – 96-102"		"											
28	" – 108-114"		"											

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-24-00 1415	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

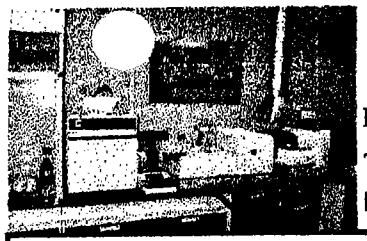
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000038

print legibly

Coc1/3/00



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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #:
(√)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL PCB

Samplers Name / Company: MARK LAMIA - TVS-PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
5119. 29	3 — 72-78"	1-24-00	1020	soil	1	X	≤4°C
30	" — 84-90"		"				
31	" — 96-102"		"				
32	" — 108-114"		"				
33	4 — 72-78"		1040				
34	" — 84-90"		"				
35	" — 96-102"		"				
36	" — 108-114"		"				
37	6 — 72-78"		1100				
38	" — 84-90"		"				
39	" — 96-102"		"				
40	" — 108-114"		"				
41	10 — 72-78"		1120				
42	" — 84-90"		"				

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Lamia	1-24-00 1415	J. Lamia			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

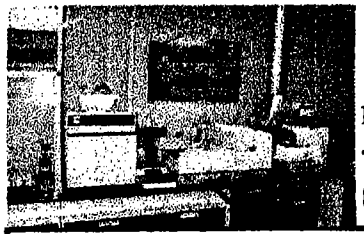
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000039

print legibly

Coc1/3/00



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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FAHON
Phone #:
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL PCB
Samplers Name / Company: MARK LAUER - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Comments: Remarks / Preservation Method
5119.43	10 — 96-102"	1-24-00	1120	soil	1	X	cool
44	11 — 108-114"		11				
45	13 — 72-78"		1200				
46	11 — 84-90"		11				
47	11 — 96-102"		11				
48	11 — 108-114"		11				
49	18 — 72-78"		1040				
50	11 — 84-90"		11				
51	11 — 96-102"		11				
52	11 — 108-114"		11				
53	19 — 72-78"		1315				
54	11 — 84-90"		11				
55	11 — 96-102"		11				
56	11 — 108-114"		11				

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	1-24-00 1415				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000340

print legibly

COC1/3/00

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALON
Phone #:
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: MZ LANDFILL PCB
Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Remarks / Preservation Method
SLA. 57	21 - 72-78"	1-24-00	1315	soil	1	X	<4oc
58	" - 84-90"		"				
59	" - 96-102"		"				
60	" - 108-114"		"				
61	25 - 72-78"		1330				
62	" - 84-90"		"				
63	" - 96-102"		"				
64	" - 108-114"		"				
65	26 - 72-78"		1330				
66	" - 84-90"		"				
67	" - 96-102"		"				
68	" - 108-114"		"				
69	24-A - 84-90"		1400				
70	" - 96-102"		"				

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-24-00 1415	[signature]			
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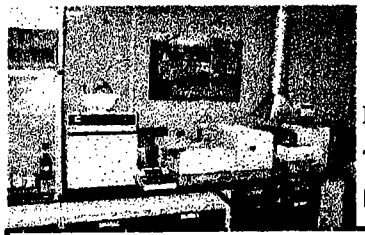
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000041

print legibly

Coc.xls12/20/99



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NJDEP Certification #13461

Chain of Custody Record

Customer: J FALLON | **Project No:** | **Location:** M.2 LANDFILL
Phone #: | **(X)DERA ( )OMA ( )Other:**

Samplers Name / Company: MARK LAMAR - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
SIG 71	24-A - 108-114"	1-24-00	1400	SOIL	1	X	4°C
72	" - 120-126"		"				
73	" - 132-138		"				
74	24-C - 0-6"		1400				
75	" 12-18"		"				
76	" 24-30"		"				
77	" 36-42"		"				
78	" 48-54"		"				
79	" 60-66"		"				

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-24-00 1415	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000042

print legibly

COC.xls12/13/99

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Farrow
Phone #: 426223
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company: Mark Lasuca - TVS-PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Comments: / Remarks / Preservation Method
5148. 1	11-B 72-78"	2-7-00	1005	soil	1	X								4°C
2	" 84-90"	"	"	"	"	"								"
3	" 96-102"	"	"	"	"	"								"
4	" 108-114"	"	"	"	"	"								"
5	24 C ✓ 72-78"	"	"	"	"	"								"
6	" 84-90"	"	"	"	"	"								"
7	" 96-102"	"	"	"	"	"								"
8	" 108-114"	"	"	"	"	"								"
9	12 D 0-6"	"	1000	"	"	"								"
10	" 12-18"	"	"	"	"	"								"
11	" 24-30"	"	"	"	"	"								"
12	" 36-42"	"	"	"	"	"								"
13	" 48-54"	"	"	"	"	"								"
14	" 60-66"	"	"	"	"	"								"

Analysis Parameters

Comments: NO INSTR.

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2-7-00 1500	[signature]			
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		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

print legibly

Coc.xls1/19/00

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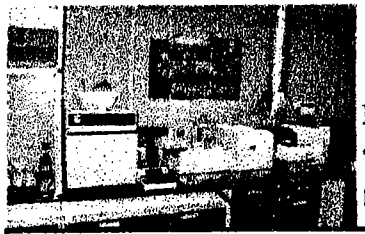

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Farrow
Phone #: X21223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL PCB DELINEATION

Samplers Name / Company: Mark Lauer

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Comments: Remarks / Preservation Method
5148. 15	12D 72-78"	2-7-00	1000	soil	1	X								4°C
16	" 84-90"	"	"	"	"	"								"
17	" 96-102"	"	"	"	"	"								"
18	" 108-114"	"	"	"	"	"								"
19	10B 0-6"	"	1125	"	"	"								"
20	" 12-18"	"	"	"	"	"								"
21	" 24-30"	"	"	"	"	"								"
22	" 36-42"	"	"	"	"	"								"
23	" 48-54"	"	"	"	"	"								"
24	" 60-66"	"	"	"	"	"								"
25	" 72-78"	"	"	"	"	"								"
26	" 84-90"	"	"	"	"	"								"
27	" 96-102"	"	"	"	"	"								"
28	" 108-114"	"	"	"	"	"								"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark	2-7-00 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (·)Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000044

print legibly

Coc.xls1/19/00

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X216223
(✓)ERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
PCB DELINEATION

Samplers Name / Company: MARK LAURA - TVS-AWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Analysis Parameters	Comments: Remarks / Preservation Method
5148-29	10 C 0-6"	2-7-00	1115	SOIL	1	X		4°C
30	" 12-18"	"	"	"	"	"		"
31	" 24-30"	"	"	"	"	"		"
32	" 36-42"	"	"	"	"	"		"
33	" 48-54"	"	"	"	"	"		"
34	" 60-66"	"	"	"	"	"		"
35	" 72-78"	"	"	"	"	"		"
36	" 84-90"	"	"	"	"	"		"
37	" 96-102"	"	"	"	"	"		"
38	" 108-114"	"	"	"	"	"		"
39	11 C 0-6"	"	1120	"	"	"		"
40	" 12-18"	"	"	"	"	"		"
41	" 24-30"	"	"	"	"	"		"
42	" 36-42"	"	"	"	"	"		"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2-7-00 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (✓)Standard 3 wks, (X)Rush 3-5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000045

print legibly

Coc.xls1/19/00

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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALON
Phone #: 427223
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL PCB DELINEATION
Samplers Name / Company: MARK LAURO - TVS-PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
5748.43	11 C 48-54"	2-7-00	1120	SOIL	1	X								<4oC
44	" 60-66"	"	"	"	"	"								"
45	" 72-78"	"	"	"	"	"								"
46	" 84-90"	"	"	"	"	"								"
47	" 96-102"	"	"	"	"	"								"
48	" 108-114"	"	"	"	"	"								"
49	12 E 0-6"	"	1110	"	"	"								"
50	" 12-18"	"	"	"	"	"								"
51	" 24-30"	"	"	"	"	"								"
52	" 36-42"	"	"	"	"	"								"
53	" 48-54"	"	"	"	"	"								"
54	" 60-66"	"	"	"	"	"								"
55	" 72-78"	"	"	"	"	"								"
56	" 84-90"	"	"	"	"	"								"

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Matthew	2-7-00 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (✓)Rush 5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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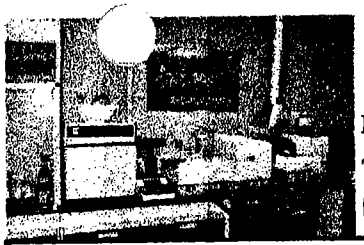

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X2[illegible]23
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
PCB DELINEATION
Samplers Name / Company: Mark Lauria - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
5148 57	12 E 96-102"	2-7-00	1110	Soil	1	X	<40c
58	" 105-114"	"	"	"	"	"	"
59	12 F 0-6"	"	1200	"	"	"	
60	" 12-18"	"	"	"	"	"	"
61	" 24-30"	"	"	"	"	"	"
62	" 36-42"	"	"	"	"	"	"
63	" 48-54"	"	"	"	"	"	"
64	" 60-66"	"	"	"	"	"	"
65	" 72-78"	"	"	"	"	"	"
66	" 84-90"	"	"	"	"	"	"
67	" 96-102"	"	"	"	"	"	"
68	" 108-114"	"	"	"	"	"	"
69	24-D 0-6"	"	1155	"	"	"	"
70	" 12-18"	"	"	"	"	"	"

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 25 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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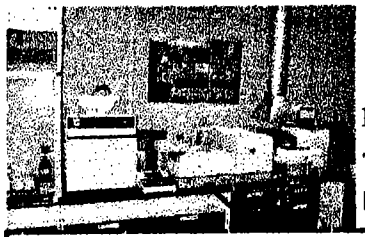

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fabian
Phone #: 532-6223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 Laundry PCB DILINEATION

Samplers Name / Company:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
5148.71	24-D 24-30"	2-7-00	11	soil	1	X	c4oc
72	" 36-42"	"	"	"	"	"	"
73	" 48-54"	"	"	"	"	"	"
74	" 60-66"	"	"	"	"	"	"
75	" 72-78"	"	"	"	"	"	"
76	" 84-90"	"	"	"	"	"	"
77	" 96-102"	"	"	"	"	"	"
78	" 108-114"	"	"	"	"	"	"
79	24 E 0-6"	"	1405	"	"	"	"
80	" 12-18"	"	"	"	"	"	"
81	" 24-30"	"	"	"	"	"	"
82	" 36-42"	"	"	"	"	"	"
83	" 48-54"	"	"	"	"	"	"
84	" 60-66"	"	"	"	"	"	"

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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 532-6223
( )ERA ( )OMA ( )Other:_____

Project No:
Location: M-2 Landfill
FCA DELINEATION

Samplers Name / Company: Mark Laura - TVS - PWS 07

Analysis Parameters: P, C, B

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Comments: Remarks / Preservation Method
51485	24 E 72-78"	2-7-00	1405	soil	1	4°C
86	" 84-90"	"	"	"	"	"
87	" 96-102"	"	"	"	"	"
88	" 108-114"	"	"	"	"	"
89	24 F 0-6"	"	1410	"	"	"
90	" 12-18"	"	"	"	"	"
91	" 24-30"	"	"	"	"	"
92	" 36-42"	"	"	"	"	"
93	" 48-54"	"	"	"	"	"
94	" 60-66"	"	"	"	"	"
95	" 72-78"	"	"	"	"	"
96	" 84-90"	"	"	"	"	"
97	" 96-102"	"	"	"	"	"
98	" 108-114"	"	"	"	"	"

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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J FALLON
Phone #: X26223
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL PCB DELINEATION
Samplers Name / Company: MARK LAURA - WS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Comments: Remarks / Preservation Method
5148. 99	24 G 0-6"	2-7-00	1445	soil	1	X	4oc
100	" 12-18"	"	"	"	"	"	"
101	" 24-30"	"	"	"	"	"	"
102	" 36-42"	"	"	"	"	"	"
103	" 48-54"	"	"	"	"	"	"
104	" 60-66"	"	"	"	"	"	"
105	" 72-78"	"	"	"	"	"	"
106	" 84-90"	"	"	"	"	"	"
107	" 96-102"	"	"	"	"	"	"
108	" 108-114"	"	"	"	"	"	"
109	24 H 0-6"	"	1440	"	"	"	"
110	" 12-18"	"	"	"	"	"	"
111	" 24-30"	"	"	"	"	"	"
112	" 36-42"	"	"	"	"	"	"

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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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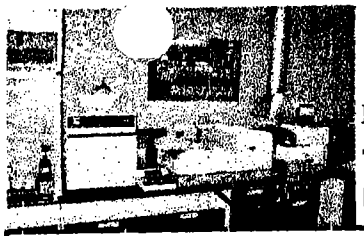

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL PCB DELINEATION

Samplers Name / Company: MARK LAUCKS - TVS- PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB	Remarks / Preservation Method
5148.113	24-H 48-54"	2-7-00	1440	soil	1	X	4°C
114	" 60-66"	"	"	"	"	"	"
115	" 72-78"	"	"	"	"	"	"
116	" 84-90"	"	"	"	"	"	"
117	" 96-102"	"	"	"	"	"	"
118	" 108-114	"	"	"	"	"	"
119	F.D. 72-78"	"	~~1410~~ 1415	"	"	"	"
120	" 84-90"	"	—	"	"	"	"
121	" 96-102"	"	—	"	"	"	"
122	" 108-114	"	—	"	"	"	"

Comments:

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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Falcon | **Project No:** | **Phone #:** 26623 | **Location:** M-Z Landfill | (✓)DERA ( )OMA ( )Other:_____

Samplers Name / Company: Mark Lauer-TVS-PWS07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Comments: Remarks / Preservation Method
5207. 1	10-0 0-6"	2-29-00	0830	Soil	1	X								4°C
2	" 12-18"	"	"	"	"	"								"
3	" 24-30"	"	"	"	"	"								"
4	" 36-42"	"	"	"	"	"								"
5	" 48-54"	"	"	"	"	"								"
6	" 60-66"	"	"	"	"	"								"
7	" 72-78"	"	"	"	"	"								"
8	" 84-90"	"	"	"	"	"								"
9	" 96-102"	"	"	"	"	"								"
														"

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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, (✓)Rush 1WK Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 Landfill
PCB Delineation

Samplers Name / Company: Mark Laura - TVS-Plus 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
5228. 1	10-D 108-114"	3-8-00	0945	Soil	1	X								4oc
2	" 120-126"		"											
3	" 132-138"		"											
4	" 144-150"		"											
5	10-E 0-6"		1035											
6	" 12-18"		"											
7	" 24-30"		"											
8	" 36-42"		"											
9	" 48-54"		"											
10	" 60-66"		"											
11	" 72-78"		"											
12	" 84-90"		"											
13	" 96-102"		"											
14	" 108-116"		"											

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[signature]	3-8-00 1135	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (✓)Rush 3-5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fanoni
Phone #: 21623
(✓)DERA ( )OMA ( )Other:
Project No:
Location: M-2 Landfill
PCB delineation
Samplers Name / Company: Mark Lauria - TVS - PNS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
5328, 15	10-E 122-128"	3-8-00	1035	soil	1	X	<4°c
16	" 134-140"		"				
17	" 144-150"		"				
18	10F 11B (mw 3-8-00) 0-6"		1120				
19	" 12-18"		"				
20	" 24-30"		"				
21	" 36-42"		"				
22	" 48-54"		"				
23	" 60-66"		"				
24	" 72-78"		"				
25	" 84-90"		"				
26	" 96-102"		"				
27	" 108-116"		"				
28	" 122-128"		"				

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Lauria	3-8-00 1135				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 5 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer:
Phone #:
( )DERA ( )OMA ( )Other:___________

Project No:
Location: M-2 Landfill

Samplers Name / Company:

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB								Remarks / Preservation Method
29	3-16-00 (initials) ~~10-E~~ 11B 134-140"	3-8-00	1120	Soil	1	X								<4°C
30	" 144-150"	"	"	"	"	"								"

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Turnaround time: ( )Standard 3 wks, (X)Rush 35 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 26623
(X)DERA ( )OMA ( )Other:
Project No:
Location: M-2 LANDFILL
PCB INVESTIGATION
Samplers Name / Company: MARK LALLA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Remarks / Preservation Method
3257. 1	11E 0-6"	3-16-00	1100	soil	1	X	4°C
2	" 12-18"	"	"	"	"	"	"
3	" 24-30"	"	"	"	"	"	"
4	" 36-42"	"	"	"	"	"	"
5	" 48-54"	"	"	"	"	"	"
6	" 60-66"	"	"	"	"	"	"
7	" 72-78"	"	"	"	"	"	"
8	" 84-90"	"	"	"	"	"	"
9	" 96-102"	"	"	"	"	"	"
10	" 108-114"	"	"	"	"	"	"

Analysis Parameters

Comments:

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	3-16-00 1125				
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Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 2 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No: 9502-11
Location: M-2 LANDFILL
Samplers Name / Company: MARK LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P C B	Comments: Remarks / Preservation Method
5272. 1	10 F 0-6"	3-22-00	1000	soil	1	X	<4°c
2	" 12-18"		"				
3	" 24-30"		"				
4	" 36-42"		"				
5	" 48-54"		"				
6	" 60-66"		"				
7	" 72-78"		"				
8	" 84-90"		"				
9	" 96-102		"				
10	" 108-114"		"				
11	11F 0-6"		1050				
12	" 12-18"		"				
13	" 24-30"		"				
14	" 36-42"		"				

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Mark Laura	3-22-00 1400	J. Verdile			
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Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (✓)Rush 3 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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SAMPLE RECEIPT FORM

Date Received: 3-22-00 (PCBs) Lab Project ID#: 5272

Site/Project Name: M-2/Lambert Cooler Temp (°C): 1.0°

Received By: J. Vergara Sign: J. Vergara
(Print name)

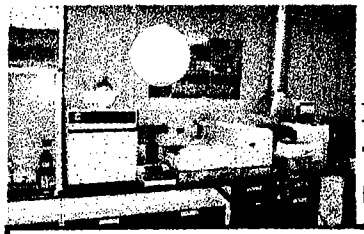
Check the appropriate box

1. Did the samples come in a cooler?	☑ yes	☐ no	☐ n/a
2. Was the chain of custody filled out correctly and legibly?	☑ yes	☐ no	
3. Was the chain of custody signed in the appropriate place?	☑ yes	☐ no	
4. Did the labels agree with the chain of custody?	☑ yes	☐ no	
5. Were the correct containers/preservatives used?	☑ yes	☐ no	
6. Was a sufficient amount of sample supplied?	☑ yes	☐ no	
7. Were air bubbles present in VOA vials?	☐ yes	☐ no	☑ n/a
8. Were samples received on ice?	☑ yes	☐ no	

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative

Comments: _____



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 26623
(X)DERA ( )OMA ( )Other:_____

Project No: 980211
Location: M-2 LANDFILL

Samplers Name / Company:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB	Comments: Remarks / Preservation Method
5272 15	11 F 48-54"	3-22-00	1050	SOIL	1	X	<4°C
16	" 60-66"		"				
17	" 72-78"		"				
18	" 84-90"		"				
19	" 96-102"		"				
20	" 108-114"		"				
21	12 I 0-6"		1140				
22	" 12-18"		"				
23	" 24-30"		"				
24	" 36-42"		"				
25	" 48-54"		"				
26	" 60-66"		"				
27	" 72-78"		"				
28	" 84-90"	↓	"	↓	↓	↓	↓

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-22-00 1400	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 3 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000059

SAMPLE RECEIPT FORM

Date Received: 3-22-00 Lab Project ID#: 5272

Site/Project Name: M2 Landfill (Rabs) Cooler Temp (°C): 1.0c

Received By: J. Vergara Sign: J. Vergara
(Print name)

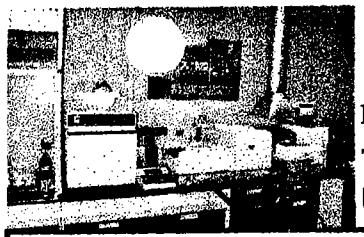
Check the appropriate box

1. Did the samples come in a cooler?	☑ yes	☐ no	☐ n/a
2. Was the chain of custody filled out correctly and legibly?	☑ yes	☐ no	
3. Was the chain of custody signed in the appropriate place?	☑ yes	☐ no	
4. Did the labels agree with the chain of custody?	☑ yes	☐ no	
5. Were the correct containers/preservatives used?	☑ yes	☐ no	
6. Was a sufficient amount of sample supplied?	☑ yes	☐ no	
7. Were air bubbles present in VOA vials?	☐ yes	☐ no	☑ n/a
8. Were samples received on ice?	☑ yes	☐ no	

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative

Comments: 15 ea. 2" x 4' cores
8 HRS.



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NJDEP Certification #13461

Chain of Custody Record

Customer: J FALCON
Phone #: 26623
(X)ERA ( )OMA ( )Other:

Project No: 980211
Location: M-2 LANDFILL

Samplers Name / Company: MARK LAUSA - TVS-PLUS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	P	C	B	Remarks / Preservation Method
5272. 29	12-I 96-102"	3-22-00	1140	SOIL	1	X			4°C
30	" 108-114"		"						
31	12H 0-6"		1200						
32	" 12-18"		"						
33	" 24-30"		"						
34	" 36-42"		"						
35	" 48-54"		"						
36	" 60-66"		"						
37	" 72-78"		"						
38	" 84-90"		"						
39	" 96-102"		"						
40	" 108-114"		"						
41	12B 0-6"		1315						
42	" 12-18"		"						

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-22-00 1400	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 3 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

print legibly

Coc.xls3/16/00

00165c

SAMPLE RECEIPT FORM

Date Received: 3-22-00 Lab Project ID#: 5272

Site/Project Name: MW Landfill (Bkg) Cooler Temp (°C): 1.0C

Received By: J Vergara Sign: J. Vergara
(Print name)

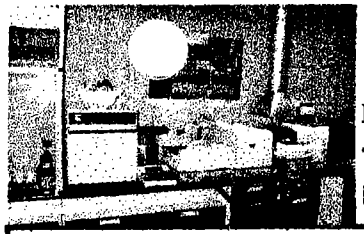
Check the appropriate box

1. Did the samples come in a cooler?	☑ yes	☐ no	☐ n/a
2. Was the chain of custody filled out correctly and legibly?	☑ yes	☐ no	
3. Was the chain of custody signed in the appropriate place?	☑ yes	☐ no	
4. Did the labels agree with the chain of custody?	☑ yes	☐ no	
5. Were the correct containers/preservatives used?	☑ yes	☐ no	
6. Was a sufficient amount of sample supplied?	☑ yes	☐ no	
7. Were air bubbles present in VOA vials?	☐ yes	☐ no	☑ n/a
8. Were samples received on ice?	☑ yes	☐ no	

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative

Comments: _____



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Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J FALON | **Project No:** 980261 | **Phone #:** 26623 | **Location:** M-2 LANDFILL | (✓)DERA ( )OMA ( )Other:_____

Samplers Name / Company: MARK, LAURA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: P C B	Remarks / Preservation Method
5272.43	12 G 24-30"	3-22-00	1315	SOIL	1	X	<4°C
44	" 36-42"		"				
45	" 48-54"		"				
46	" 60-66"		"				
47	" 72-78"		"				
48	" 84-90"		"				
49	" 96-102"		"				
50	" 108-114"	↓	"	↓	↓	↓	↓

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	3-22-00 1400				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, (X)Rush 3 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

00C050

SAMPLE RECEIPT FORM

Date Received: 3-22-00 Lab Project ID#: 5272

Site/Project Name: McDonnell Cooler Temp (°C): 1.0°C

Received By: J. Vasquez Sign: J. Vasquez
(Print name)

Check the appropriate box

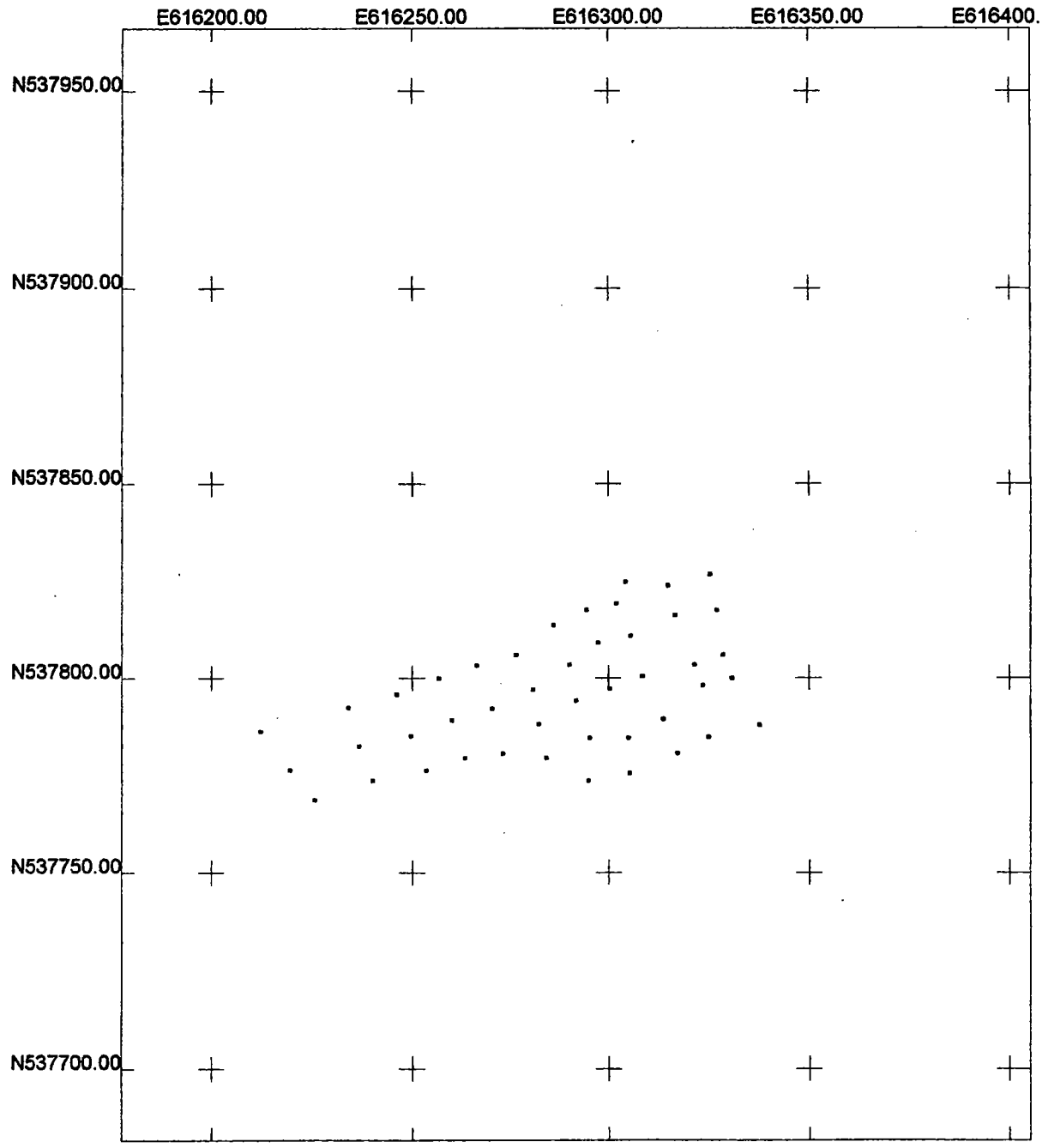
1. Did the samples come in a cooler?	☑ yes	☐ no	☐ n/a
2. Was the chain of custody filled out correctly and legibly?	☑ yes	☐ no	
3. Was the chain of custody signed in the appropriate place?	☑ yes	☐ no	
4. Did the labels agree with the chain of custody?	☑ yes	☐ no	
5. Were the correct containers/preservatives used?	☑ yes	☐ no	
6. Was a sufficient amount of sample supplied?	☑ yes	☐ no	
7. Were air bubbles present in VOA vials?	☑ yes	☐ no	☑ n/a
8. Were samples received on ice?	☑ yes	☐ no	

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative

Comments: _____

GPS
MAPS



M2 PCB GPS LOCATION MAP FOR MW06 (OLD #17)

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:500
0 60.00
US Survey Feet

m2 pcbs as of r011814.ss
04/14/2000
Pathfinder Office
Trimble

M2 LANDFILL SITE PCB GPS POSITION & COORDINATES FOR MW06 (OLD #17)

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN US SURVEY FEET)

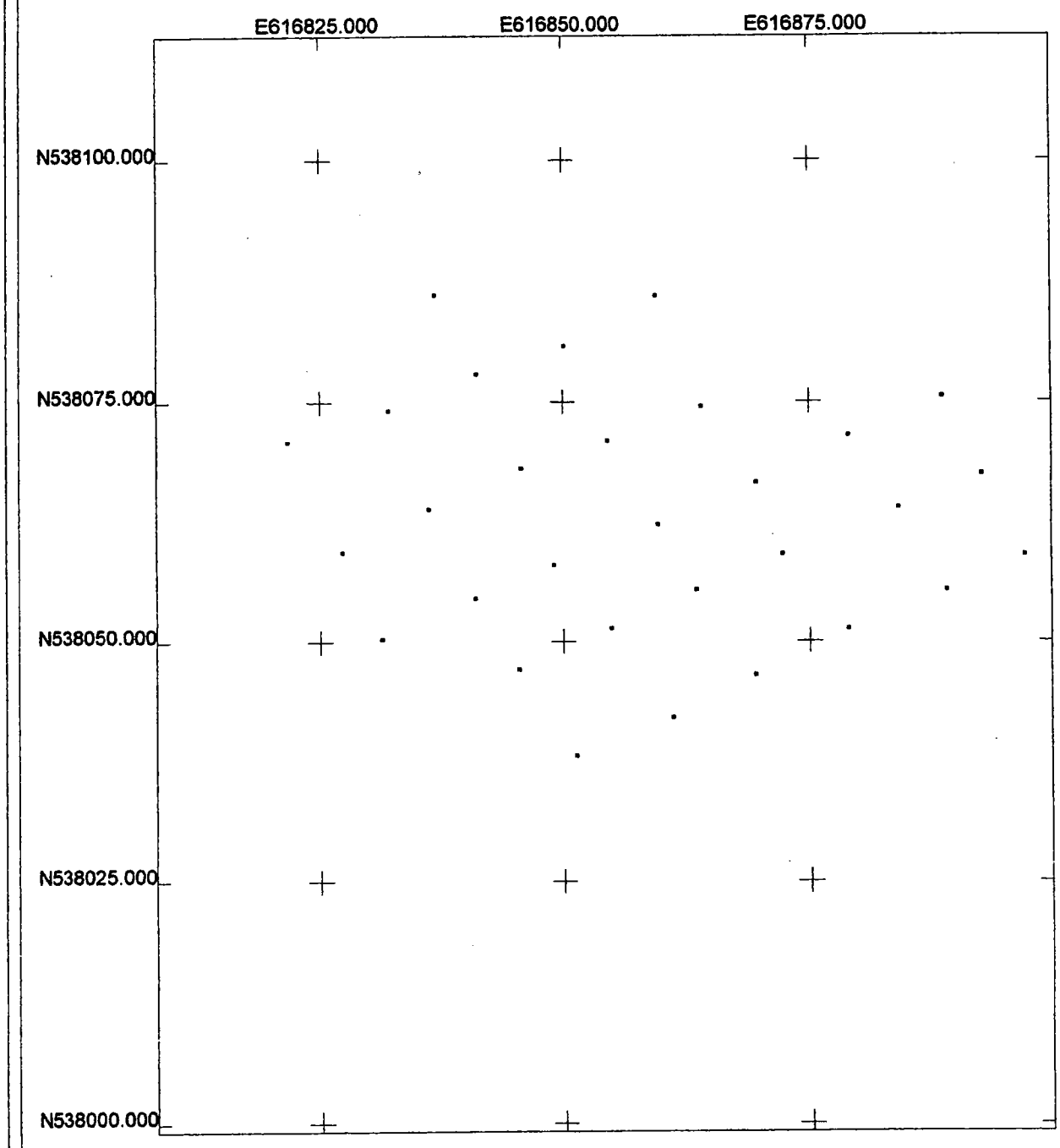
SAMPLE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
1	537819.266	616301.945
2	537810.994	616305.54
3	537800.501	616308.532
3A	537789.574	616313.752
3B	537780.707	616317.178
4	537823.936	616314.878
5	537816.231	616316.667
6	537803.57	616321.526
6A	537798.2	616323.572
6B	537784.888	616324.972
7	537826.827	616325.46
8	537817.596	616327.217
9	537806.096	616328.717
9A	537800.099	616330.818
9B	537787.992	616337.601
10	537813.74	616285.815
10A	537806.085	616276.279
10B	537803.417	616266.17
10C	537800.075	616256.485
10D	537795.86	616246.142
10E	537792.604	616234.076
10F	537786.475	616212.242
11	537803.557	616290.014
11A	537797.163	616280.605
11B	537792.278	616270.079
11C	537789.272	616259.841
11D	537785.231	616249.59
11E	537788.645	616236.757
11F	537776.516	616219.52
12	537794.323	616291.639
12A	537784.646	616295.157
12B	537773.742	616294.794
12C	537788.282	616282.059
12D	537779.593	616284.037
12E	537780.71	616272.87
12F	537779.593	616263.192
12G	537776.325	616253.324
12H	537773.835	616240.205
12I	537768.855	616225.649
13	537817.64	616294.341
14	537809.277	616297.334
15	537797.396	616300.215
15A	537784.709	616304.965
15B	537775.682	616305.128

REFERENCE POINT

MW09 (OLD # 20)	538086.198	616836.756

000659



M2 PCB GPS LOCATION MAP FOR MW09 (OLD #20)

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:200
0 25.00
US Survey Feet

m2 pcbs as of r011814.s
04/14/2000
Pathfinder Office
Trimble

M2 LANDFILL SITE PCB GPS POSITION & COORDINATES FOR MW09 (OLD #20)

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
16	538077.975	616841.045
17	538068.125	616845.575
18	538058.025	616848.983
18A	538051.411	616854.932
18B	538042.126	616861.19
19	538080.863	616850.139
20	538070.989	616854.62
21	538062.227	616859.741
21A	538055.449	616863.616
21B	538046.532	616869.492
22	538086.051	616859.607
23	538074.565	616864.153
24	538066.634	616869.562
24A	538059.166	616872.205
24B	538051.315	616878.895
24C	538063.959	616883.99
24D	538071.514	616878.933
24H	538059.017	616896.943
25	538074.193	616831.921
26	538063.932	616836.07
27	538054.543	616840.86
27A	538047.138	616845.299
27B	538038.139	616851.288
28	538070.943	616821.683
29	538059.438	616827.19
30	538050.356	616831.214

REFERENCE POINT

MW06 (OLD # 17)	537824.855	616304.299

BORING LOGS

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B1 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-17-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4281.03	1	ORGANIC MATL.	1110	0 PPM
6			SAND, fine - lt. tan		
12	4281.04	2		1110	0 PPM
18					
24	4281.05	3		1110	0 PPM
30			Mixed sands and organic material - dk. brown		
36	4281.06	4		1110	0 PPM
42					
48			Clayey organic material w/ some organics - lt. brown		
54	4281.07	5		1110	0 PPM

02-24-2000 X:\MTECH5\M2\M2-B001.BOR

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B1 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-17-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57			Clayey organic material w/ some organics - lt. brown		
63	4281.08	6		1110	0 PPM
69					
75	5119.25	7		1000	0 PPM
81					
87	5119.26	8		1000	0 PPM
93					
99	5119.27	9		1000	0 PPM
105					
111	5119.28	10		1000	0 PPM

02-24-2000 X:\MTECH5\M2\M2-B001.BOR

000061C

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B2 [COVER)

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4281.09	1	ORGANIC MATL.	1200	0 PPM
6			SAND, fine - lt. tan		
12	4281.10	2		1200	0 PPM
18					
24	4281.11	3		1200	0 PPM
30			SAND, fine / med. - brown / orange		
36	4281.12	4		1200	0 PPM
42			LOAMY MATL. [poss. leaves and cardboard] w/ glass and mixed sands - brown		
48	4281.13	5	SAND, fine / med. - brown / lt. olive green w/ some organic matl.	1200	0 PPM
54			Mixed sand and clay w/ plastic, rubber sheeting,cinders, coal and wood.		
60	4281.14	6		1200	0 PPM
66			Groundwater Sample 7-10'		
72					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B3 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-17-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4281.21	1	ORGANIC MATL.	1400	0 PPM
6			SAND, fine - w/ some silt - lt. olive green / orange - w/ organic matl. @ 9 - 12".		
12	4281.22	2		1400	0 PPM
18					
24	4281.23	3		1400	0 PPM
30					
36	4281.24	4	Mixed sands and organic matl. w/ some glass and plastic matl.	1400	0 PPM
42					
48	4281.25	5		1400	0 PPM
54					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B3 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-17-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
			Wet sand and silt matl. - dk. brown - w/ glass and other debris.		
63	4281.26	6		1400	0 PPM
69					
75	5119.29	7		1020	0 PPM
			SILTY SAND, w/ some fine sands - lt. brown		
81					
87	5119.30	8	Groundwater Sample 7.5 - 10.5'	1020	0 PPM
93					
99	5119.31	9		1020	0 PPM
105					
111	5119.32	10		1020	0 PPM

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B3 A [PCB]

FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4890.37	1	ORGANIC MATL.	1500	0 PPM
6			SAND, fine - w/ some silt - lt. olive green / orange - w/ organic matl. @ 9 - 12".		
12	4890.38	2		1500	0 PPM
18					
24	4890.39	3		1500	0 PPM
30					
36	4890.40	4		1500	0 PPM
42			Mixed sands and organic matl. w/ some glass and plastic matl.		
48	4890.41	5		1500	0 PPM
54					
60	4890.42	6	Wet sand and silt matl. - dk. brown - w/ glass and other debris.	1500	0 PPM
66					
72	4890.43	7		1500	0 PPM
78					
84	4890.44	8		1500	0 PPM
90	4890.45	9		1500	0 PPM
96					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B3 B [PCB]

FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4963.20	1	ORGANIC MATL.	1150	0 PPM
6			SAND, fine - w/ some silt - lt. olive green / orange - w/ organic matl. @ 9 - 12".		
12	4963.21	2		1150	0 PPM
18					
24	4963.22	3		1150	0 PPM
30					
36	4963.23	4		1150	0 PPM
42			Mixed sands and organic matl. w/ some glass and plastic matl.		
48	4963.24	5		1150	0 PPM
54					
60	4963.25	6	Wet sand and silt matl. - dk. brown - w/ glass and other debris.	1150	0 PPM
66					
72	4963.26	7	GROUNDWATER SAMPLE @ 8-11'	1150	0 PPM
78					
84	4963.27	8		1150	0 PPM
90					
96					

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SELFM-PW-EV

LOG OF BORING M2-B4 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0					
	4281.21	1	ORGANIC MATL.	1400	0 PPM
6			Mixed sands and organic material - black / brown		
12	4281.22	2		1400	0 PPM
18					
24	4281.23	3		1400	0 PPM
30					
36	4281.24	4		1400	0 PPM
42					
48			SAND, and Landfil Material Wood Debris and White Material		
	4281.25	5		1400	0 PPM
54					

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0000611

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B4 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4281.26	6		1400	0 PPM
69					
75	5119.33	7		1040	0 PPM
			SILTY CLAY, and fine / med. sands - lt. gray / lt. olive green		
81					
			Groundwater Sample 5-10'		
87	5119.34	8		1040	0 PPM
93					
99	5119.35	9		1040	0 PPM
105					
111	5119.36	10		1040	0 PPM

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LOG OF BORING M2-B5[PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4285.08	1	ORGANIC MATL.	1120	0 PPM
6			Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.		
12	4285.09	2		1120	0 PPM
18			Groundwater Sample 7 - 10'		
24	4285.10	3		1120	0 PPM
30					
36	4285.11	4		1120	0 PPM
42					
48	4285.12	5		1120	0 PPM
54					
60	4285.13	6		1120	10 PPM
66					

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LOG OF BORING M2-B6 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4285.08	1	ORGANIC MATL.	1120	0 PPM
6			Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.		
12	4285.09	2		1120	0 PPM
18					
24	4285.10	3		1120	0 PPM
30					
36	4285.11	4		1120	0 PPM
42					
48	4285.12	5		1120	0 PPM
54					

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LOG OF BORING M2-B6 [PCB]

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FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-19-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4285.13	6		1120	0 PPM
69			SILTY SAND, fine - brown		
75	5119.37	7		1100	0 PPM
			Groundwater Sample 7 - 10'		
81					
87	5119.38	8		1100	0 PPM
93					
99	5119.39	9		1100	0 PPM
105					
111	5119.40	10		1100	0 PPM

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LOG OF BORING M2-B6 A [PCB]

FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 10-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4285.08	1	ORGANIC MATL.	1120	0 PPM
6			Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.		
12	4285.09	2		1120	0 PPM
18					
24	4285.10	3	GROUNDWATER SAMPLE @ 8-11'	1120	0 PPM
30					
36	4285.11	4		1120	0 PPM
42					
48	4285.12	5		1120	0 PPM
54					
60	4285.13	6		1120	10 PPM
66					
72	4890.43	7		1500	0 PPM
78					
84	4890.44	8		1500	0 PPM
90	4890.45	9		1500	0 PPM
96					

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LOG OF BORING M2-B6 B [PCB]

FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4963.11	1	ORGANIC MATL.	1110	0 PPM
6			Mixed sands brown / tan / olive green - and landfill debris - plastic, wood, paper, cinders and coal.		
12	4963.12	2		1110	0 PPM
18					
24	4963.13	3		1110	0 PPM
30			GROUNDWATER SAMPLE @ 8-11'		
36	4963.14	4		1110	0 PPM
42					
48	4963.15	5		1110	0 PPM
54					
60	4963.16	6		1110	0 PPM
66					
72	4963.17	7		1110	0 PPM
78					
84	4963.18	8		1110	0 PPM
90					
96					

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LOG OF BORING M2-B7 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-22-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.02	1	ORGANIC MATL.	1100	0 PPM
6			SILTY SAND, fine - brown		
12	4290.03	2	SAND, medium - lt. brown - w/ some organics at 18" w/ medium angular gravels [qp] @ 20 - 23".	1100	0 PPM
24	4290.04	3	SAND, fine / med. - brown / olive green / orange	1100	0 PPM
36	4290.05	4		1100	0 PPM
48	4290.06	5		1100	0 PPM
54			Landfill material: Glass, plastic, wood, newspaper.		
60	4290.07	6	Groundwater Sample 7 - 10'	1100	0 PPM
66					

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LOG OF BORING M2-B8 [PCB]

DATE COMPLETED	: 2-22-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.02	1	ORGANIC MATL.	1100	0 PPM
6			SILTY SAND, fine - brown		
12	4290.03	2	SAND, medium - lt. brown - w/ some organics at 18" w/ medium angular gravels [qp] @ 20 - 23".	1100	0 PPM
24	4290.04	3	SAND, fine / med. - brown / olive green / orange	1100	0 PPM
36	4290.05	4		1100	0 PPM
48	4290.06	5		1100	0 PPM
54			Landfill material: Glass, plastic, wood, newspaper.		
60	4290.07	6	Groundwater Sample 7 - 10'	1100	0 PPM
66					

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FORT MONMOUTH
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LOG OF BORING M2-B9 [PCB]

DATE COMPLETED	: 2-22-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.14	1	ORGANIC MATL.	1340	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	4290.15	2		1340	0 PPM
18					
24	4290.16	3		1340	0 PPM
30			SILTY SAND, fine - brown		
36	4290.17	4		1340	0 PPM
42					
48	4290.18	5	CLAYEY SILT, tan - orange	1340	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4290.19	6	Groundwater Sample 7 - 10'	1340	0 PPM
66					
72					

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LOG OF BORING M2-B9 A [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.14	1	ORGANIC MATL.	1340	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	4290.15	2		1340	0 PPM
18					
24	4290.16	3		1340	0 PPM
30			SILTY SAND, fine - brown		
36	4290.17	4		1340	0 PPM
42					
48	4290.18	5	CLAYEY SILT, tan - orange	1340	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4290.19	6		1340	0 PPM
66					
72	4963.08	7		0945	0 PPM
78					
84	4963.09	8		0945	0 PPM
90					
96					

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LOG OF BORING M2-B9 B [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.14	1	ORGANIC MATL.	1340	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	4290.15	2		1340	0 PPM
18					
24	4290.16	3		1340	0 PPM
30			SILTY SAND, fine - brown		
36	4290.17	4		1340	0 PPM
42					
48	4290.18	5	CLAYEY SILT, tan - orange	1340	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4290.19	6		1340	0 PPM
66					
72	4963.08	7		0945	0 PPM
78					
84	4963.09	8		0945	0 PPM
90					
96					

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LOG OF BORING M2-B10 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 10-27-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0					
	4290.14	1	ORGANIC MATL.	1340	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	4290.15	2		1340	0 PPM
18					
24	4290.16	3		1340	0 PPM
30			SILTY SAND, fine - brown		
36	4290.17	4		1340	0 PPM
42					
48	4290.18	5	CLAYEY SILT, tan - orange	1340	0 PPM
54					

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LOG OF BORING M2-B10 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99 / 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
63	4290.19	6		1340	0 PPM
69					
75	5119.41	7		1120	0 PPM
81					
87	5119.42	8		1120	0 PPM
93					
99	5119.43	9		1120	0 PPM
105					
111	5119.44	10		1120	0 PPM

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LOG OF BORING M2-B10 A (PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4890.01	1	ORGANIC MATL.	1100	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	4890.02	2		1100	0 PPM
18					
24	4890.03	3		1100	0 PPM
30			SILTY SAND, fine - brown		
36	4890.04	4		1100	0 PPM
42					
48	4890.05	5	CLAYEY SILT, tan - orange	1100	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4890.06	6		1100	0 PPM
66					
72	4890.07	7		1100	0 PPM
78					
84	4890.08	8		1100	0 PPM
90	4890.09	9		1100	0 PPM
96					

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LOG OF BORING M2-B10 B (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.19	1	ORGANIC MATL.	1125	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5148.20	2		1125	0 PPM
18					
24	5148.21	3		1125	0 PPM
30			SILTY SAND, fine - brown		
36	5148.22	4		1125	0 PPM
42					
48	5148.23	5	CLAYEY SILT, tan - orange	1125	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60					

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LOG OF BORING M2-B10 B (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60					
	5148.24	6		1125	0 PPM
66					
72					
	5148.25	7		1125	0 PPM
78					
84					
	5148.26	8		1125	0 PPM
90					
96					
	5148.27	9		1125	0 PPM
102					
108					
	5148.29	10		1125	0 PPM
114					
120					

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SELFM-PW-EV

LOG OF BORING M2-B10 C (PCB)

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-29-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.29	1	ORGANIC MATL.	1115	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5148.30	2		1115	0 PPM
18					
24	5148.31	3		1115	0 PPM
30			SILTY SAND, fine - brown		
36	5148.32	4		1115	0 PPM
42					
48	5148.33	5	CLAYEY SILT, tan - orange	1115	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B10 C (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-29-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60					
	5148.34	6		1115	0 PPM
66					
72					
	5148.35	7		1115	0 PPM
78					
84					
	5148.36	8		1115	0 PPM
90					
96					
	5148.37	9		1115	0 PPM
102					
108					
	5148.38	10		1115	0 PPM
114					
120					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B10 D (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-29-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5207.01	1	ORGANIC MATL.	0830	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5207.02	2		0830	0 PPM
18					
24	5207.03	3		0830	0 PPM
30			SILTY SAND, fine - brown		
36	5207.04	4		0830	0 PPM
42					
48	5207.05	5	CLAYEY SILT, tan - orange	0830	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60					

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LOG OF BORING M2-B10 D (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-29-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60					
	5207.06	6		0830	0 PPM
66					
72					
	5207.07	7		0830	0 PPM
78					
84					
	5207.08	8		0830	0 PPM
90					
96					
		9			
102					
108					
114					
120					

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U.S.ARMY
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LOG OF BORING M2-B10 E (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-8-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5228.05	1	ORGANIC MATL.	1035	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	5228.06	2		1035	0 PPM
18					
24	5228.07	3		1035	0 PPM
30			SILTY SAND, fine - brown		
36	5228.08	4		1035	0 PPM
42					
48	5228.09	5	CLAYEY SILT, tan - orange	1035	0 PPM
54					
60			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
66	5228.10	6		1035	0 PPM
72	5228.11	7		1035	0 PPM
78					
84	5228.12	8		1035	0 PPM
90					
96	5228.13	9		1035	0 PPM
102			SILTY CLAY, fine - black / dk. olive green		
108					
114	5228.14	10		1035	0 PPM
120					
126	5228.15	11		1035	0 PPM
132			CLAYEY SILT, fine - dk. olive green / black		
138	5228.16	12		1035	0 PPM
144					
150	5228.17	13		1035	0 PPM

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LOG OF BORING M2-B10 F (PCB)

US ARMY
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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-22-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5272.01	1	ORGANIC MATL.	1000	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	5272.02	2		1000	0 PPM
18					
24	5272.03	3		1000	0 PPM
30			SILTY SAND, fine - brown		
36	5272.04	4		1000	0 PPM
42					
48	5272.05	5	CLAYEY SILT, tan - orange	1000	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	5272.06	6		1000	0 PPM
66					
72	5272.07	7		1000	0 PPM
78					
84	5272.08	8		1000	0 PPM
90					
96	5272.09	9		1000	0 PPM
102			SILTY CLAY, fine - black / dk. olive green		
108	5272.10	10		1000	0 PPM
114					

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LOG OF BORING M2-B11 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-22-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.20	1	ORGANIC MATL.	1430	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	4290.21	2		1430	0 PPM
18					
24	4290.22	3		1430	0 PPM
30			SILTY SAND, fine - brown		
36	4290.23	4		1430	0 PPM
42					
48	4290.24	5	CLAYEY SILT, tan - orange	1430	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4290.25	6	Groundwater Sample 7 - 10'	1430	0 PPM
66					
72					

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LOG OF BORING M2-B11 A [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4890.10	1	ORGANIC MATL.	1145	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	4890.11	2		1145	0 PPM
18					
24	4890.12	3		1145	0 PPM
30			SILTY SAND, fine - brown		
36	4890.13	4		1145	0 PPM
42					
48	4890.14	5	CLAYEY SILT, tan - orange	1145	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	4890.15	6		1145	0 PPM
66					
72	4890.16	7		1145	0 PPM
78					
84	4890.17	8		1145	0 PPM
90	4890.18	9		1145	0 PPM
96					

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LOG OF BORING M2-B11 B [PCB]

US ARMY
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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5119.01	1	ORGANIC MATL.	0930	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5119.02	2		0930	0 PPM
18					
24	5119.03	3		0930	0 PPM
30			SILTY SAND, fine - brown		
36	5119.04	4		0930	0 PPM
42					
48	5119.05	5	CLAYEY SILT, tan - orange	0930	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	5119.06	6		0930	0 PPM
66					

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LOG OF BORING M2-B11 C [PCB]

US ARMY
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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.39	1	ORGANIC MATL.	1120	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5148.40	2		1120	0 PPM
18					
24	5148.41	3		1120	0 PPM
30			SILTY SAND, fine - brown		
36	5148.42	4		1120	0 PPM
42					
48	5148.43	5	CLAYEY SILT, tan - orange	1120	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60					

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LOG OF BORING M2-B11 C [PCB]

US ARMY
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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-07-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60					
	5148.44	6		1120	0 PPM
66			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
72					
	5148.45	7		1120	0 PPM
78					
84					
	5148.46	8		1120	0 PPM
90					
96					
	5148.47	9		1120	0 PPM
102					
108					
	5148.48	10		1120	0 PPM
114					
120					

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LOG OF BORING M2-B11 D (PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-8-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5228.18	1	ORGANIC MATL.		0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	5228.19	2			0 PPM
18					
24	5228.20	3			0 PPM
30			SILTY SAND, fine - brown		
36	5228.21	4			0 PPM
42					
48	5228.22	5	CLAYEY SILT, tan - orange		0 PPM
54					
60	5228.23	6	CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		0 PPM
66					
72	5228.24	7			0 PPM
78					
84	5228.25	8			0 PPM
90					
96	5228.26	9			0 PPM
102			SILTY CLAY, fine - black / dk. olive green		
108	5228.27	10			0 PPM
114					
120	5228.28	11			0 PPM
126					
132			CLAYEY SILT, fine - dk. olive green / black		
138	5228.29	12			0 PPM
144					
150	5228.30	13			0 PPM

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LOG OF BORING M2-B11 E (PCB)

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5251.01	1	ORGANIC MATL.	1100	0 PPM
6			SAND, fine / med. - brown - w/ some small rnd. gravels		
12	5251.02	2		1100	0 PPM
18					
24	5251.03	3		1100	0 PPM
30			SILTY SAND, fine - brown		
36	5251.04	4		1100	0 PPM
42					
48	5251.05	5	CLAYEY SILT, tan - orange	1100	0 PPM
54			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
60	5251.06	6		1100	0 PPM
66					
72	5251.07	7		1100	0 PPM
78					
84	5251.08	8		1100	0 PPM
90					
96	5251.09	9		1100	0 PPM
102			SILTY CLAY, fine - black / dk. olive green		
108	5251.10	10		1100	0 PPM
114					

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LOG OF BORING M2-B11 F (PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-22-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5272.11	1	ORGANIC MATL.	1050	0 PPM
6			SAND, fine / med. - brown - w/ some small md. gravels		
12	5272.12	2		1050	0 PPM
18					
24	5272.13	3		1050	0 PPM
30			SILTY SAND, fine - brown		
36	5272.14	4		1050	0 PPM
42					
48	5272.15	5	CLAYEY SILT, tan - orange	1050	0 PPM
54					
60			CLAYEY SILT, orange w/ fill matl. - wood, cinders, glass		
	5272.16	6		1050	0 PPM
66					
72	5272.17	7		1050	0 PPM
78					
84	5272.18	8		1050	0 PPM
90					
96	5272.19	9		1050	0 PPM
102			SILTY CLAY, fine - black / dk. olive green		
108	5272.20	10		1050	0 PPM
114					

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LOG OF BORING M2-B12 [PCB]

DATE COMPLETED	: 2-22-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4290.26	1	ORGANIC MATL.	1510	0 PPM
6			SILTY SAND, fine - brown		
12	4290.27	2	CLAYEY SILT, and fine sand - brown w/ some organic material.	1510	0 PPM
18			Groundwater Sample 7 - 10'		
24	4290.28	3		1510	0 PPM
30					
36	4290.29	4		1510	0 PPM
42					
48	4290.30	5		1510	0 PPM
54					
60	4290.31	6		1510	0 PPM
66					
72					

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LOG OF BORING M2-B12 A [PCB]

US ARMY
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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5119.07	1	ORGANIC MATL.	1000	0 PPM
6			SILTY SAND, fine - brown		
12	5119.08	2	CLAYEY SILT, and fine sand - brown w/ some organic material.	1000	0 PPM
18					
24	5119.09	3		1000	0 PPM
30					
36	5119.10	4		1000	0 PPM
42					
48	5119.11	5		1000	0 PPM
54					
60	5119.12	6		1000	0 PPM
66					

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LOG OF BORING M2-B12 B [PCB]

US ARMY
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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5119.13	1	ORGANIC MATL.	1030	0 PPM
6			SILTY SAND, fine - brown		
12	5119.14	2	CLAYEY SILT, and fine sand - brown w/ some organic material.	1030	0 PPM
18					
24	5119.15	3		1030	0 PPM
30					
36	5119.16	4		1030	0 PPM
42					
48	5119.17	5		1030	0 PPM
54					
60	5119.18	6		1030	0 PPM
66					

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LOG OF BORING M2-B12 C [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5119.19	1	ORGANIC MATL.	1115	0 PPM
6			SILTY SAND, fine - brown		
12	5119.20	2		1115	0 PPM
18					
24	5119.21	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1115	0 PPM
30					
36	5119.22	4		1115	0 PPM
42					
48	5119.23	5		1115	0 PPM
54					
60	5119.24	6		1115	0 PPM
66					

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FORT MONMOUTH
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LOG OF BORING M2-B12 D [PCB]

US ARMY
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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-7-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.09	1	ORGANIC MATL.	1000	0 PPM
6			SILTY SAND, fine - brown		
12	5148.10	2		1000	0 PPM
18					
24	5148.11	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1000	0 PPM
30					
36	5148.12	4		1000	0 PPM
42					
48	5148.13	5		1000	0 PPM
54					
60					

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LOG OF BORING M2-B12 D [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-7-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60	5148.14	6		1000	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5148.15	7		1000	0 PPM
78					
84	5148.16	8		1000	0 PPM
90					
96	5148.17	9		1000	0 PPM
102					
108	5148.18	10		1000	0 PPM
114					
120					

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FORT MONMOUTH
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LOG OF BORING M2-B12 E [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-7-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.49	1	ORGANIC MATL.	1110	0 PPM
6			SILTY SAND, fine - brown		
12	5148.50	2		1110	0 PPM
18					
24	5148.51	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1110	0 PPM
30					
36	5148.52	4		1110	0 PPM
42					
48	5148.53	5		1110	0 PPM
54					
60					

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LOG OF BORING M2-B12 E [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-7-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60	5148.54	6		1110	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5148.55	7		1110	0 PPM
78					
84	5148.56	8		1110	0 PPM
90					
96	5148.57	9		1110	0 PPM
102					
108	5148.58	10		1110	0 PPM
114					
120					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B12 F [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-7-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.59	1	ORGANIC MATL.	1200	0 PPM
6			SILTY SAND, fine - brown		
12	5148.60	2		1200	0 PPM
18					
24	5148.61	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1200	0 PPM
30					
36	5148.62	4		1200	0 PPM
42					
48	5148.63	5		1200	0 PPM
54					
60					

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LOG OF BORING M2-B12 F [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-7-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
60	5148.64	6		1200	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5148.65	7		1200	0 PPM
78					
84	5148.66	8		1200	0 PPM
90					
96	5148.67	9		1200	0 PPM
102					
108	5148.68	10		1200	0 PPM
114					
120					

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LOG OF BORING M2-B12 G [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-22-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5272.41	1	ORGANIC MATL.	1315	0 PPM
6			SILTY SAND, fine - brown		
12	5272.42	2		1315	0 PPM
18					
24	5272.43	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1315	0 PPM
30					
36	5272.44	4		1315	0 PPM
42					
48	5272.45	5		1315	0 PPM
54					
60	5272.46	6		1315	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5272.47	7		1315	0 PPM
78					
84	5272.48	8		1315	0 PPM
90					
96	5272.49	9		1315	0 PPM
102					
108	5272.50	10		1315	0 PPM
114					

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FORT MONMOUTH
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LOG OF BORING M2-B12 H [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-22-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5272.31	1	ORGANIC MATL.	1200	0 PPM
6			SILTY SAND, fine - brown		
12	5272.32	2		1200	0 PPM
18					
24	5272.33	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1200	0 PPM
30					
36	5272.34	4		1200	0 PPM
42					
48	5272.35	5		1200	0 PPM
54					
60	5272.36	6		1200	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5272.37	7		1200	0 PPM
78					
84	5272.38	8		1200	0 PPM
90					
96	5272.39	9		1200	0 PPM
102					
108	5272.40	10		1200	0 PPM
114					

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LOG OF BORING M2-B12 I [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-22-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5272.21	1	ORGANIC MATL.	1140	0 PPM
6			SILTY SAND, fine - brown		
12	5272.22	2		1140	0 PPM
18					
24	5272.23	3	CLAYEY SILT, and fine sand - brown w/ some organic material.	1140	0 PPM
30					
36	5272.24	4		1140	0 PPM
42					
48	5272.25	5		1140	0 PPM
54					
60	5272.26	6		1140	0 PPM
66			CLAYEY SILT, and fine sand - brown w/ some organic material w/ some med. / fine sands.		
72	5272.27	7		1140	0 PPM
78					
84	5272.28	8		1140	0 PPM
90					
96	5272.29	9		1140	0 PPM
102					
108	5272.30	10		1140	0 PPM
114					

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LOG OF BORING M2-B13 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0					
	4294.02	1	ORGANIC MATL.	1010	0 PPM
6			SAND,fine / med. - orange / tan		
12	4294.03	2		1010	0 PPM
18					
24	4294.04	3		1010	0 PPM
30					
			SAND,fine / med. - brown		
36	4294.05	4		1010	0 PPM
42					
48	4294.06	5		1010	0 PPM
54					

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LOG OF BORING M2-B13 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
			Mixed sand and organic material w/ some landfill debris- glass, plastic, etc.		
63	4294.07	6		1010	0 PPM
69			SAND, med. / coarse - w/ some clayey silt - dk. olive green / black		
75	5119.45	7		1200	0 PPM
81					
87	5119.46	8		1200	0 PPM
93					
99	5119.47	9		1200	0 PPM
105					
111	5119.48	10		1200	0 PPM

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LOG OF BORING M2-B14[PCB]

DATE COMPLETED	: 2-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4294.08	1	ORGANIC MATL.	1048	0 PPM
6			SAND,fine / med. - orange / tan		
12	4294.09	2		1048	0 PPM
18					
24	4294.10	3		1048	0 PPM
30					
36	4294.11	4	Mixed sand and organic material w/ some landfill debris- glass, plastic, etc.	1048	0 PPM
42					
48	4294.12	5		1048	0 PPM
54					
60	4294.13	6	SAND, med. / coarse - w/ some clayey silt - dk. olive green / black	1048	0 PPM
66					
72					

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LOG OF BORING M2-B15[PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4294.14	1	ORGANIC MATL.	1135	0 PPM
6			SILTY SAND,fine - brown		
12	4294.15	2		1135	0 PPM
18					
24	4294.16	3		1135	0 PPM
30			SAND, fine / med. - tan		
36	4294.17	4		1135	0 PPM
42			SANDY SILT, fine - olive green		
48	4294.18	5		1135	0 PPM
54			Landfill matl. - Misc. Debris		
60	4294.19	6		1135	0 PPM
66					
72					

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LOG OF BORING M2-B15 A [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 10-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4890.19	1	ORGANIC MATL.	1330	0 PPM
6			SILTY SAND,fine - brown		
12	4890.20	2		1330	0 PPM
18					
24	4890.21	3		1330	0 PPM
30			SAND, fine / med. - tan		
36	4890.22	4		1330	0 PPM
42			SANDY SILT, fine - olive green		
48	4890.23	5		1330	0 PPM
54			Landfill matl. - Misc. Debris		
60	4890.24	6		1330	0 PPM
66					
72	4890.25	7		1330	0 PPM
78					
84	4890.26	8		1330	0 PPM
90	4890.27	9		1330	0 PPM
96					

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LOG OF BORING M2-B15 B [PCB]

US ARMY
FT. MONMOUTH N.J.
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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4963.20	1	ORGANIC MATL.	1320	0 PPM
6			SILTY SAND,fine - brown		
12	4963.30	2		1320	0 PPM
18					
24	4963.31	3		1320	0 PPM
30			SAND, fine / med. - tan		
36	4963.32	4		1320	0 PPM
42			SANDY SILT, fine - olive green		
48	4963.33	5		1320	0 PPM
54			Landfill matl. - Misc. Debris		
60	4963.34	6		1320	0 PPM
66					
72	4963.35	7	GROUNDWATER SAMPLE @ 8-11'	1320	0 PPM
78					
84	4963.36	8		1320	0 PPM
90					

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FORT MONMOUTH
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LOG OF BORING M2-B16 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4294.23	1	ORGANIC MATL.	1525	0 PPM
6			SILTY SAND,fine - brown		
12	4294.24	2	SAND, med. / fine - orange w/ rnd. quartz gravels	1525	0 PPM
18					
24	4294.25	3	SAND, fine - lt. olive green / orange w/ rnd. quartz gravels	1525	0 PPM
30					
36	4294.26	4	Fill matl.- sand w/ some wood chips, plastic, glass and coal	1525	0 PPM
42					
48	4294.27	5	SAND, med. / fine - w/ some fill matl. (as above) and some org. matl	1525	0 PPM
54					
60	4294.28	6		1525	0 PPM
66					
72					

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FORT MONMOUTH
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LOG OF BORING M2-B17 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-1-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4307.01	1	ORGANIC MATL.	1056	0 PPM
6			SILTY SAND,fine - brown		
12	4307.02	2	SAND, med. / fine - orange w/ rnd. quartz gravels	1100	0 PPM
18					
24	4307.03	3	SAND, fine - lt. olive green / orange w/ rnd. quartz gravels	1103	0 PPM
30					
36	4307.04	4	Fill matl.- sand w/ some wood chips, plastic, glass and coal	1110	0 PPM
42					
48	4307.05	5	SAND, med. / fine - w/ some fill matl. (as above) and some org. matl	1116	0 PPM
54			HAND AUGERED LOCATION		
60	4307.06	6		1120	0 PPM
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B18 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-1-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0					
	4307.13	1	ORGANIC MATL.	1350	0 PPM
6			SILTY SAND, fine - brown		
			SAND, fine / med. - orange / olive green w/ some wood matl.		
12					
	4307.14	2		1355	0 PPM
18					
24					
	4307.15	3		1400	0 PPM
30					
36					
	4307.16	4	SAND, fine / med. - orange / olive green w/ some wood matl. and some coal matl.	1405	0 PPM
42					
48					
	4307.17	5		1410	0 PPM
54			SAND, fine / med. - orange / olive green w/ some sm. rnd. quartz gravels		

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B18 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-1-99 / 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4307.18	6		1415	0 PPM
			SILTY CLAY,w/ some fine sand - olive green		
69					
75	5119.49	7		1040	0 PPM
81					
87	5119.50	8		1040	0 PPM
93					
99	5119.51	9		1040	0 PPM
105					
111	5119.52	10		1040	0 PPM

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2- B18 A [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4903.16	1	ORGANIC MATL.	1125	0 PPM
6			SAND, fine / med. - brown / tan w/ some md. quartz gravels		
12	4903.17	2	SAND, med. / fine - orange / tan - w/ bluish green matl. and photographic film	1125	0 PPM
18					
24	4903.18	3		1125	0 PPM
30					
36	4903.19	4		1125	0 PPM
42					
48	4903.20	5		1125	0 PPM
54					
60	4903.21	6		1125	0 PPM
66					
72	4903.22	7		1125	0 PPM
78					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2- B18 B [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-23-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4963.47	1	ORGANIC MATL.	1455	0 PPM
6			SAND, fine / med. - brown / tan w/ some rnd. quartz gravels		
12	4963.48	2	SAND, med. / fine - orange / tan - w/ bluish green matl. and photographic film	1455	0 PPM
18					
24	4963.49	3		1455	0 PPM
30					
36	4963.50	4		1455	0 PPM
42					
48	4963.51	5		1455	0 PPM
54					
60	4963.52	6		1455	0 PPM
66					
72	4963.53	7		1455	0 PPM
78					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B19 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-1-99 / 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4307.13	1	ORGANIC MATL.	1350	0 PPM
6			SILTY SAND, fine - brown		
12	4307.14	2	SAND, fine / med. - orange / olive green w/ some wood matl.	1355	0 PPM
18					
24	4307.15	3		1400	0 PPM
30					
36	.4307.16	4	SAND, fine / med. - orange / olive green w/ some wood matl. and some coal matl.	1405	0 PPM
42					
48	4307.17	5		1410	0 PPM
54			SAND, fine / med. - orange / olive green w/ some sm. md. quartz gravels		

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FORT MONMOUTH
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LOG OF BORING M2-B19 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-1-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4307.18	6		1415	0 PPM
			SILTY CLAY,w/ some fine sand - olive green		
69					
75	5119.53	7		1315	0 PPM
81					
87	5119.54	8		1315	0 PPM
93					
99	5119.55	9		1315	0 PPM
105					
111	5119.56	10		1315	0 PPM

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LOG OF BORING M2-B20 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4307.19	1	ORGANIC MATL.	1420	0 PPM
6			SILTY SAND, fine - brown		
12	4307.20	2	SAND, fine / med. - orange / olive green w/ some wood matl.	1425	0 PPM
18					
24	4307.21	3		1430	0 PPM
30					
36	4307.22	4	SAND, fine / med. - orange / olive green w/ some wood matl. and some coal matl.	1435	0 PPM
42					
48	4307.23	5		1440	0 PPM
54			SAND, fine / med. - orange / olive green w/ some sm. rnd. quartz gravels		
60	4307.24	6	HAND AUGERED LOCATION	1445	0 PPM
66					
72					

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LOG OF BORING M2-B21 [PCB]

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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-2-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4313.02	1	ORGANIC MATL.	1140	0 PPM
6			SILTY SAND, fine - brown		
12	4313.03	2	SILTY SAND, fine - lt. olive green / lt. brown	1140	0 PPM
18					
24	4313.04	3		1140	0 PPM
30					
36	4313.05	4	SAND, fine - lt. olive green / tan w/ some silt	1140	0 PPM
42					
48	4313.06	5	SAND, and fill matl. (bldg. debris)	1140	0 PPM
54					

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LOG OF BORING M2-B21 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-2-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4313.07	6		1140	0 PPM
			SILTY SAND, fine - dk. olive green		
69					
75	5119.57	7		1315	0 PPM
81					
87	5119.58	8		1315	0 PPM
93					
99	5119.59	9		1315	0 PPM
105					
111	5119.60	10		1315	0 PPM

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LOG OF BORING M2-B21 A [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-1-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4903.09	1	ORGANIC MATL.	1055	0 PPM
6			SILTY SAND, fine - brown		
12	4903.10	2	SILTY SAND, fine - lt. olive green / lt. brown	1055	0 PPM
18					
24	4903.11	3		1055	0 PPM
30					
36	4903.12	4	SAND, fine - lt. olive green / tan w/ some silt	1055	0 PPM
42					
48	4903.13	5	SAND, and fill matl. (bldg. debris)	1055	0 PPM
54					
60	4903.14	6		1055	0 PPM
66					
72	4903.15	7		1055	0 PPM
78					

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LOG OF BORING M2-B21 B [PCB]

US ARMY
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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-24-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4965.02	1	ORGANIC MATL.	0920	0 PPM
6			SILTY SAND, fine - brown		
12	4965.03	2	SILTY SAND, fine - lt. olive green / lt. brown	0920	0 PPM
18					
24	4965.04	3		0920	0 PPM
30					
36	4965.05	4	SAND, fine - lt. olive green / tan w/ some silt	0920	0 PPM
42					
48	4965.06	5	SAND, and fill matl. (bldg. debris)	0920	0 PPM
54					
60	4965.07	6		0920	0 PPM
66					
72	4965.08	7		0920	0 PPM
78					
84	4965.09	8		0920	0 PPM
90					

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LOG OF BORING M2-B22 [PCB]

US ARMY
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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-2-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4313.11	1	ORGANIC MATL.	1400	0 PPM
6			SILTY SAND, fine - tan / brown		
12	4313.12	2		1400	0 PPM
18					
24	4313.13	3		1400	0 PPM
30					
36	4313.14	4	SAND, fine -olive green / black w/ some silt - glass, and wood debris	1400	0 PPM
42			SAND, med. / fine - tan w/ unknown white layered matl.		
48	4313.15	5		1400	0 PPM
54					
60	4313.16	6	SILTY CLAY, and med. / fine sand - black / tan / brown - w/ land fill matl. (glass, plastic, wood)	1400	0 PPM
66					
72					

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LOG OF BORING M2-B23 [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-2-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4313.18	1	ORGANIC MATL.	1450	0 PPM
6			SILTY SAND, fine - brown		
12	4313.19	2		1450	0 PPM
18					
24	4313.20	3	SAND, fine - tan	1450	0 PPM
30			CLAYEY SAND, brown / tan		
36	4313.21	4	CEMENT	1450	0 PPM
42			SILTY SAND, fine - olive green / lt. brown		
48	4313.22	5	SAND, med. / fine - tan / olive green	1450	0 PPM
54					
60	4313.23	6	SAND, med. / fine - w/ readable newspaper	1450	0 PPM
66					
72					

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LOG OF BORING M2-B24 [PCB]

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JOSEPH FALLON

DATE COMPLETED	: 3-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4316.02	1	ORGANIC MATL.	1025	0 PPM
6			SILTY SAND, fine - brown		
12	4316.03	2		1025	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. md. quartz gravels		
24	4316.04	3		1025	0 PPM
30					
36	4316.05	4		1025	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	4316.06	5		1025	0 PPM
54					
60	4316.07	6	MULCH, paper and wood matl.	1025	0 PPM
66					
72					

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-01-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4903.02	1	ORGANIC MATL.	1020	0 PPM
6			SILTY SAND, fine - brown		
12	4903.03	2		1020	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	4903.04	3		1020	0 PPM
30					
36	4903.05	4		1020	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	4903.06	5		1020	0 PPM
54					
60	4903.07	6	MULCH, paper and wood matl.	1020	0 PPM
66					

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LOG OF BORING M2-B24 A [PCB]

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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-01-99 / 1-24-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
70					
76	4903.08	7		1020	0 PPM
			SILTY CLAY, and fine / med. - sand - brown w/ some wood matl.		
82					
88	5119.69	8		1400	0 PPM
94					
100	5119.70	9		1400	0 PPM
			SILTY CLAY, fine / med. - sand - brown		
106					
112	5119.71	10		1400	0 PPM
118					
124	5119.72	11		1400	0 PPM
130					
136	5119.73	12		1400	0 PPM

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LOG OF BORING M2-B24 B [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-24-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4965.11	1	ORGANIC MATL.	0955	0 PPM
6			SILTY SAND, fine - brown		
12	4965.12	2		0955	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. md. quartz gravels		
24	4965.13	3		0955	0 PPM
30					
36	4965.14	4		0955	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	4965.15	5		0955	0 PPM
54					
60	4965.16	6	MULCH, paper and wood matl.	0955	0 PPM
66					
72	4965.17	7		0955	0 PPM
78					
84	4965.18	8		0955	0 PPM
90					

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LOG OF BORING M2-B24 C [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00 / 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5119.74	1	ORGANIC MATL.	1400	0 PPM
6			SILTY SAND, fine - brown		
12	5119.75	2		1400	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	5119.76	3		1400	0 PPM
30					
36	5119.77	4		1400	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5119.78	5		1400	0 PPM
54					

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LOG OF BORING M2-B24 C [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-24-00 / 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
			MULCH, paper and wood matl.		
	5119.79	6		1400	0 PPM
64					
70					
	5148.05	7		1005	0 PPM
76					
82					
	5148.06	8		1005	0 PPM
88					
			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
	5148.07	9		1005	0 PPM
100					
106					
	5148.08	10		1005	0 PPM
112					

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LOG OF BORING M2-B24 D [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.69	1	ORGANIC MATL.	1155	0 PPM
6			SILTY SAND, fine - brown		
12	5148.70	2		1155	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	5148.71	3		1155	0 PPM
30					
36	5148.72	4		1155	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5148.73	5		1155	0 PPM
54					

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LOG OF BORING M2-B24 D [PCB]

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JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
			MULCH, paper and wood mati.		
64	5148.74	6		1155	0 PPM
70					
76	5148.75	7		1155	0 PPM
82					
88	5148.76	8		1155	0 PPM
			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
100	5148.77	9		1155	0 PPM
106					
112	5148.78	10		1155	0 PPM

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LOG OF BORING M2-B24 E [PCB]

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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.79	1	ORGANIC MATL.	1405	0 PPM
6			SILTY SAND, fine - brown		
12	5148.80	2		1405	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	5148.81	3		1405	0 PPM
30					
36	5148.82	4		1405	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5148.83	5		1405	0 PPM
54					

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LOG OF BORING M2-B24 E [PCB]

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SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-07-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
			MULCH, paper and wood matl.		
	5148.84	6		1405	0 PPM
64					
70					
	5148.85	7		1405	0 PPM
76					
82					
	5148.86	8		1405	0 PPM
88					
			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
	5148.87	9		1405	0 PPM
100					
106					
	5148.88	10		1405	0 PPM
112					

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FORT MONMOUTH
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LOG OF BORING M2-B24 F [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.89	1	ORGANIC MATL.	1410	0 PPM
6			SILTY SAND, fine - brown		
12	5148.90	2		1410	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	5148.91	3		1410	0 PPM
30					
36	5148.92	4		1410	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5148.93	5		1410	0 PPM
54					

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FORT MONMOUTH
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US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-07-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
	5148.94	6	MULCH, paper and wood matl.	1410	0 PPM
64					
70					
	5148.95	7		1410	0 PPM
76					
82					
	5148.96	8		1410	0 PPM
88			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
	5148.97	9		1410	0 PPM
100					
106					
	5148.98	10		1410	0 PPM
112					

02-24-2000 X:\MTECH-5\M2\M2-B024F.BOR

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B24 G [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	5148.99	1	ORGANIC MATL.	1410	0 PPM
6			SILTY SAND, fine - brown		
12	5148.100	2		1410	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	5148.101	3		1410	0 PPM
30					
36	5148.102	4		1410	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5148.103	5		1410	0 PPM
54					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B24 G [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
			MULCH, paper and wood matl.		
	5148.104	6		1410	0 PPM
64					
70					
	5148.105	7		1410	0 PPM
76					
82					
	5148.106	8		1410	0 PPM
88					
			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
	5148.107	9		1410	0 PPM
100					
106					
	5148.108	10		1410	0 PPM
112					

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SELFM-PW-EV

LOG OF BORING M2-B24 H [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 2-07-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0					
	5148.109	1	ORGANIC MATL.	1440	0 PPM
6			SILTY SAND, fine - brown		
12	5148.110	2		1440	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. md. quartz gravels		
24	5148.111	3		1440	0 PPM
30					
36	5148.112	4		1440	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	5148.113	5		1440	0 PPM
54					

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SELFM-PW-EV

LOG OF BORING M2-B24 H [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 2-07-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : N/A

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
58					
			MULCH, paper and wood matl.		
64	5148.114	6		1440	0 PPM
70					
76	5148.115	7		1440	0 PPM
82					
88	5148.116	8		1440	0 PPM
			SILTY CLAY, w/ some fine / med. - sands - brown		
94					
100	5148.117	9		1440	0 PPM
106					
112	5148.118	10		1440	0 PPM

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B25 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-3-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4316.09	1	ORGANIC MATL.	1140	0 PPM
6			SILTY SAND, fine - brown		
12	4316.10	2		1140	0 PPM
18			SILTY SAND, fine - olive green w/ some sm. rnd. quartz gravels		
24	4316.11	3		1140	0 PPM
30					
36	4316.12	4		1140	0 PPM
42			SAND, med. / fine - tan / lt. olive green		
48	4316.13	5		1140	0 PPM
54					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B25 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-3-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
			MULCH, paper and wood matl.		
63	4316.14	6		1140	0 PPM
			SILTY SAND, fine - lt. brown / lt. olive green w/ some paper and wood matl.		
69					
75	5119.61	7		1330	0 PPM
81					
87	5119.62	8		1330	0 PPM
93					
99	5119.63	9		1330	0 PPM
105					
111	5119.64	10		1330	0 PPM

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B26 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-3-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4316.16	1	ORGANIC MATL.	1330	0 PPM
6			SILTY SAND, fine - brown		
12	4316.17	2	SAND, med. / fine - orange / brown	1330	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4316.18	3	SAND, med. / fine - tan	1330	0 PPM
30					
36	4316.19	4		1330	0 PPM
42					
48			Mixed sands and landfill matl.		
	4316.20	5		1330	0 PPM
54					

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B26 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-3-99 / 1-24-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
57					
63	4316.21	6		1330	0 PPM
69					
75	5119.65	7	SILTY SAND, fine - lt. brown / lt. olive green	1330	0 PPM
81					
87	5119.66	8		1330	0 PPM
93					
99	5119.67	9		1330	0 PPM
105					
111	5119.68	10		1330	0 PPM

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SELFM-PW-EV

LOG OF BORING M2-B27 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4316.23	1	ORGANIC MATL.	1440	0 PPM
6			SILTY SAND, fine - brown		
12	4316.24	2	SAND, med. / fine - orange / brown	1440	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4316.25	3	SAND, med. / fine - tan	1440	0 PPM
30					
36	4316.26	4		1440	0 PPM
42					
48			Mixed sands and landfill matl.		
	4316.27	5		1440	0 PPM
54					
60	4316.28	6		1440	0 PPM
66					
72					

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LOG OF BORING M2-B27 A [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4903.23	1	ORGANIC MATL.	1155	0 PPM
6			SILTY SAND, fine - brown		
12	4903.24	2	SAND, med. / fine - orange / brown	1155	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4903.25	3	SAND, med. / fine - tan	1155	0 PPM
30					
36	4903.26	4		1155	0 PPM
42					
48	4903.27	5	Mixed sands and landfill matl.	1155	0 PPM
54					
60	4903.28	6		1155	0 PPM
66					
72	4903.29	7		1155	0 PPM
78					

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SELFM-PW-EV

LOG OF BORING M2-B27 B [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV

JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: N/A		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4963.38	1	ORGANIC MATL.	1425	0 PPM
6			SILTY SAND, fine - brown		
12	4963.39	2		1425	0 PPM
18			SAND, med. / fine - orange / brown		
24			SILTY SAND, fine - olive green / brown		
	4963.40	3	SAND, med. / fine - tan	1425	0 PPM
30					
36	4963.41	4		1425	0 PPM
42					
48			Mixed sands and landfill matl.		
	4963.42	5		1425	0 PPM
54					
60	4963.43	6		1425	0 PPM
66					
72	4963.44	7		1425	0 PPM
78					
84	4963.45	8		1425	0 PPM
90					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B28 [PCB]

DATE COMPLETED	: 3-5-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4320.04	1	ORGANIC MATL.	1015	0 PPM
6			SILTY SAND, fine - brown		
12	4320.05	2	SAND, med. / fine - orange / brown	1015	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4320.06	3	SAND, med. / fine - tan	1015	0 PPM
30					
36	4320.07	4		1015	0 PPM
42					
48			Mixed sands and landfill matl.		
	4320.08	5		1015	0 PPM
54			HAND AUGER LOCATION		
60	4320.09	6		1015	0 PPM
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B29 [PCB]

DATE COMPLETED	: 3-5-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4320.10	1	ORGANIC MATL.	1040	0 PPM
6			SILTY SAND, fine - brown		
12	4320.11	2	SAND, med. / fine - orange / brown	1040	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4320.12	3	SAND, med. / fine - tan	1040	0 PPM
30					
36	4320.13	4		1040	0 PPM
42					
48			Mixed sands and landfill matl.		
	4320.14	5		1040	0 PPM
54			HAND AUGER LOCATION		
60	4320.15	6		1040	0 PPM
66					
72					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B30 [PCB]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-5-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0	4320.16	1	ORGANIC MATL.	1100	0 PPM
6			SILTY SAND, fine - brown		
12	4320.17	2	SAND, med. / fine - orange / brown	1110	0 PPM
18					
24			SILTY SAND, fine - olive green / brown		
	4320.18	3	SAND, med. / fine - tan	1110	0 PPM
30					
36	4320.19	4		1110	0 PPM
42					
48			Mixed sands and landfill matl.		
	4320.20	5		1110	0 PPM
54			HAND AUGER LOCATION		
60					
	4320.21	6		1110	0 PPM
66					
72					

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FIELD DUPLICATE IDENTIFICATION

FIELD DUPLICATE IDENTIFICATION

Site: M-2/PCB INVESTIGATION

Sample ID	Lab ID	Field Dup.
30 0-6"	4320.16	4320.22
30 12-18"	4320.17	4320.23
30 24-30"	4320.18	4320.24
30 36-42"	4320.19	4320.25
30 48-54"	4320.20	4320.26
30 60-66"	4320.21	4320.27
24A 0-6"	4903.02	4903.34
24A 12-18"	4903.03	4903.35
24A 24-30"	4903.04	4903.36
24A 36-42"	4903.05	4903.37
24A 48-54"	4903.06	4903.38
24A 60-66"	4903.07	4903.39
24A 72-78"	4903.08	4903.40
24A 7-11'	4903.30	4903.41
24B 0-6"	4965.11	4965.20
24B 12-18"	4965.12	4965.21
24B 24-30"	4965.13	4965.22
24B 36-42"	4965.14	4965.23
24B 48-54"	4965.15	4965.24
24B 60-66"	4965.16	4965.25
24B 72-78"	4965.17	4965.26
24B 84-90"	4965.18	4965.27
24B 8-11'	4965.19	4965.28
24C 72-78"	5148.05	5148.119
24C 84-90"	5148.06	5148.120
24C 96-102"	5148.07	5148.121
24C 108-114"	5148.08	5148.122

METHODOLOGY SUMMARY

Methodology Summary

EPA SW-846 Method 608
Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Aqueous samples are extracted in a separatory funnel with Methylene Chloride and solid samples by Sox-therm with a 50:50 mixture of Acetone and Hexane. The extract is then dried and exchanged to hexane to a final volume of 10 ml. The extract is injected into a gas chromatograph onto two distinct capillary columns and measured by a micro-electron capture detector.

EPA SW-846 Method 8082
Gas Chromatographic Determination of PCB's in Soil

Surrogates are added to a 10-gram soil sample, which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 10 ml. Internal standards are added and the extract is injected into a GC/ECD system. PCB's are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

CASE NARRATIVE

CASE NARRATIVE

Site: M-2 Landfill / PCB Investigation

Lab ID: 4281, 4285, 4290, 4294, 4299, 4307, 4313, 4316, 4320, 4890, 4903, 4963, 4965, 5119, 5148

Soil samples taken at MW17 and MW20 reflect the new names for these wells. The new names are M2MW06 and M2MW09 respectively.

Soil samples taken on 2/24/99 were cancelled. These are samples from boring 17 and they were resampled on 3/1/99 as Lab ID 4307.

Sample ID	Cancelled Lab ID	New Lab ID
17 0-6"	4299.03	4307.01
17 12-18"	4299.04	4307.02
17 24-30"	4299.05	4307.03
17 36-42"	4299.06	4307.04
17 48-54"	4299.07	4307.05
17 60-66"	4299.08	4307.06

Aqueous samples were not taken at locations 28, 29 and 30 due to limited vehicle access.

CASE NARRATIVE

Site: M-2 Landfill
PCB Delineation

Lab ID: 4963, 4965

The field duplicates that were sampled on 11/24/99 were performed on sample associated with 21-B.

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 4281 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	02/17/99	NA
Receipt/Refrigeration	02/17/99	NA
Aqueous		
Extractions		
1. PCB's	02/19/99	7 Days
Analyses		
2. PCB's	02/23,24/99	40 Days
Soil		
Extractions		
1. PCB's	02/18/99	14 Days
Analyses		
2. PCB's	02/22,23/99 3/25/00	40 Days

Laboratory Chronicle

Lab ID: 4285 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	02/19/99	NA
Receipt/Refrigeration	02/19/99	NA
Aqueous		
Extractions		
1. PCB's	02/23/99	7 Days
Analyses		
2. PCB's	02/26/99	40 Days
Soil		
Extractions		
1. PCB's	02/22,23,24/99	14 Days
Analyses		
2. PCB's	02/25,26/99 3/01/99	40 Days

Laboratory Chronicle

Lab ID: 4290 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	02/22/99	NA
Receipt/Refrigeration	02/22/99	NA
Aqueous		
Extractions		
1. PCB's	02/23/99	7 Days
Analyses		
2. PCB's	03/02/99	40 Days
Soil		
Extractions		
1. PCB's	02/23,24/99	14 Days
Analyses		
2. PCB's	3/02,03,25/99	40 Days

Laboratory Chronicle

Lab ID: 4294 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	02/23/99	NA
Receipt/Refrigeration	02/23/99	NA
Aqueous		
Extractions		
1. PCB's	03/01/99	7 Days
Analyses		
2. PCB's	03/09/99	40 Days
Soil		
Extractions		
1. PCB's	02/23,25/99 03/01/99	14 Days
Analyses		
2. PCB's	3/04,05,06/99	40 Days

Laboratory Chronicle

Lab ID: 4299 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	02/24/99	NA
Receipt/Refrigeration	02/24/99	NA
Aqueous		
Extractions		
1. PCB's	03/01/99	7 Days
Analyses		
2. PCB's	03/09/99	40 Days
Soil		
Extractions		
1. PCB's	03/01/99	14 Days
Analyses		
2. PCB's	3/09/99	40 Days

Laboratory Chronicle

Lab ID: 4307

Site: M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	03/01/99	NA
Receipt/Refrigeration	03/01/99	NA
Extractions		
1. PCB's	03/02/99	14 days
Analyses		
1. PCB's	03/06,07,10,25/99	40 days

Laboratory Chronicle

Lab ID: 4313 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	03/02/99	NA
Receipt/Refrigeration	03/02/99	NA
Aqueous		
Extractions		
1. PCB's	03/03/99	7 Days
Analyses		
2. PCB's	03/15/99	40 Days
Soil		
Extractions		
1. PCB's	03/03/99	14 Days
Analyses		
2. PCB's	3/10,11,15,31/99	40 Days

Laboratory Chronicle

Lab ID: 4316 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	03/03/99	NA
Receipt/Refrigeration	03/03/99	NA
Aqueous		
Extractions		
1. PCB's	03/08/99	7 Days
Analyses		
2. PCB's	03/10/99	40 Days
Soil		
Extractions		
1. PCB's	03/05,08/99	14 Days
Analyses		
2. PCB's	3/08,09,10,11,26/99	40 Days

Laboratory Chronicle

Lab ID: 4320 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	03/05/99	NA
Receipt/Refrigeration	03/05/99	NA
Aqueous		
Extractions		
1. PCB's	03/08/99	7 Days
Analyses		
2. PCB's	03/10/99	40 Days
Soil		
Extractions		
1. PCB's	03/08/99	14 Days
Analyses		
2. PCB's	3/10,16,17/99	40 Days

Laboratory Chronicle

Lab ID: 4890 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	10/27/99	NA
Receipt/Refrigeration	10/28/99*	NA
Extractions		
1. PCB's	10/28,29/99 11/01/99	14 days
Analyses		
1. PCB's	10/29,30/99 11/01,02/99	40 days

*Samples were refrigerated on 10/27/99 after working hours. They were logged into the system on 10/28/99.

Laboratory Chronicle

Lab ID: 4903 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	11/01/99	NA
Receipt/Refrigeration	11/01/99	NA
Aqueous		
Extractions		
1. PCB's	11/02/99	7 Days
Analyses		
2. PCB's	11/05/99	40 Days
Soil		
Extractions		
1. PCB's	11/02,03/99	14 Days
Analyses		
2. PCB's	11/04,05/99	40 Days

Laboratory Chronicle

Lab ID: 4963 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	11/23/99	NA
Receipt/Refrigeration	11/23/99	NA
Aqueous		
Extractions		
1. PCB's	11/30/99	7 Days
Analyses		
2. PCB's	12/01,02/99	40 Days
Soil		
Extractions		
1. PCB's	11/26,29,30/99	14 Days
Analyses		
2. PCB's	11/29,30/99	40 Days

Laboratory Chronicle

Lab ID: 4965 **Site:** M-2/PCB INVESTIGATION

	Date	Hold Time
Date Sampled	11/24/99	NA
Receipt/Refrigeration	11/24/99	NA
Aqueous		
Extractions		
1. PCB's	11/30/99	7 Days
Analyses		
2. PCB's	12/01/99	40 Days
Soil		
Extractions		
1. PCB's	11/30/99 12/02/99	14 Days
Analyses		
2. PCB's	11/30/99 12/01,02/99	40 Days

Laboratory Chronicle

Lab ID: 5119 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	01/24/00	NA
Receipt/Refrigeration	01/24/00	NA
Extractions		
1. PCB's	01/25,26,27,28/00	14 days
Analyses		
1. PCB's	01/28,31/00 02/01/00	40 days

Laboratory Chronicle

Lab ID: 5148 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	02/07/00	NA
Receipt/Refrigeration	02/07/00	NA
Extractions		
1. PCB's	02/08,09,16,17,18/00	14 days
Analyses		
1. PCB's	02/09,16,17,18,19,22/00	40 days

Laboratory Chronicle

Lab ID: 5207 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	02/29/00	NA
Receipt/Refrigeration	02/29/00	NA
Extractions		
1. PCB's	03/01/00	14 days
Analyses		
1. PCB's	03/01/00	40 days

Laboratory Chronicle

Lab ID: 5228 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	03/08/00	NA
Receipt/Refrigeration	03/08/00	NA
Extractions		
1. PCB's	03/09/00	14 days
Analyses		
1. PCB's	03/10,11/00	40 days

Laboratory Chronicle

Lab ID: 5251 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	03/16/00	NA
Receipt/Refrigeration	03/16/00	NA
Extractions		
1. PCB's	03/17/00	14 days
Analyses		
1. PCB's	03/17/00	40 days

Laboratory Chronicle

Lab ID: 5272 **Site: M-2/PCB INVESTIGATION**

	Date	Hold Time
Date Sampled	03/22/00	NA
Receipt/Refrigeration	03/22/00	NA
Extractions		
1. PCB's	03/23,24/00	14 days
Analyses		
1. PCB'S	03/24,25/00	40 days

Analytical Results

AQUEOUS

METHOD BLANKS

Report of Analysis

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK291
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um

Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK294
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK300
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK304
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK308
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK428
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK438
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

FIELD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	EPA Method 608	**Location :**	**MW06 / MW09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4299.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.41
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 7-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.28
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Dup 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	10-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	11-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	3-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	15-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	6-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4897.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/29/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	9-A-8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK426
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.27
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	01 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.330**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**0.232**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.28
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	02 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.29
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/24/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	03 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.30
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/19/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	04 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.572**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	05 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4285.21 2/19/99 2/23/99 2/26/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	06 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

000120

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	07 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.412**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.32
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	08 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	0.414
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.33
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	09 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.508**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Client :	U.S. Army	**Lab. ID # :**	4290.34
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	10 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ng/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.686**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.35
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	11 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.36
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/23/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	12 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	13 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.133**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	14 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-06**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	15 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4299.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/24/99
	Bldg. 173	**Extraction Date:**	3/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	16 8-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	M-2 / MW-09
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	19 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	M-2 / MW-09
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	20 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	0.262
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	M-2 / MW-09
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	21 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	2.235
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	0.152

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	M-2 / MW-09
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	22 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.260**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/15/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	23 7-10"
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.772**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	M-2 / MW-09
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	24 8-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	25 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	26 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.29
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	27 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	17 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**0.366**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	EPA Method 608	**Location :**	**M-2 / MW-09**
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	18 7-10'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.30
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	24A-7-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.31
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	21A-7-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.32
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	18A-7-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.33
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	27A-7-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	EPA Method 608	**Location :**	M-
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	9-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**11.950**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	6-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.28
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	3-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.37
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	15-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**11.140**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.46
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	27-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.55
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	18-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	21-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	24-B 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.28
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/99
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Dup 8-11'
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

SOIL

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 289
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 292
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK 296
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK 297
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK297 2/24/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK298
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK299 2/25/99 3/5/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK301 3/2/99 3/6/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK302
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK305 3/9/99 3/11/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK306
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client : U.S. Army
DPW. SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab. ID # : BLK307
Date Rec'd:
Extraction Date: 3/8/99
Analysis Date: 3/16/99

Analysis: SW-846 Method 8082
Matrix: Soil
Analyst: D. Wright

Location :
Field ID:

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK439
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	12/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK435
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK436
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK437 11/30/99 11/30/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK455
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK456
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK457
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK458
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK460
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	BLK422
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	BLK424
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**100.00**	**0.0112**	**ND**	**0.49**	**10.00**
Arochlor 1221	**1**	**100.00**	**0.0206**	**ND**	**0.49**	**10.00**
Arochlor 1232	**1**	**100.00**	**0.0140**	**ND**	**0.49**	**10.00**
Arochlor 1242	**1**	**100.00**	**0.0160**	**ND**	**0.49**	**10.00**
Arochlor 1248	**1**	**100.00**	**0.0064**	**ND**	**0.49**	**10.00**
Arochlor 1254	**1**	**100.00**	**0.0040**	**ND**	**0.49**	**10.00**
Arochlor 1260	**1**	**100.00**	**0.0036**	**ND**	**0.49**	**10.00**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	BLK425
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK427
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK429
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK464
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK465
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK467
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK468
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK469
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK470 2/17/00 2/18/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK471
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK481
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK487
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK488
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK491
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK495 3/23/00 3/24/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK496
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK497 3/24/00 3/25/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	100.00	0.0112	ND	0.49	10.00
Arochlor 1221	1	100.00	0.0206	ND	0.49	10.00
Arochlor 1232	1	100.00	0.0140	ND	0.49	10.00
Arochlor 1242	1	100.00	0.0160	ND	0.49	10.00
Arochlor 1248	1	100.00	0.0064	ND	0.49	10.00
Arochlor 1254	1	100.00	0.0040	ND	0.49	10.00
Arochlor 1260	1	100.00	0.0036	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4320.22 3/5/99 3/8/99 3/17/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **Field Dup** **0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.42	0.0129	ND	0.49	9.81
Arochlor 1221	1	88.42	0.0237	ND	0.49	9.81
Arochlor 1232	1	88.42	0.0161	ND	0.49	9.81
Arochlor 1242	1	88.42	0.0184	ND	0.49	9.81
Arochlor 1248	1	88.42	0.0074	ND	0.49	9.81
Arochlor 1254	1	88.42	0.0046	ND	0.49	9.81
Arochlor 1260	1	88.42	0.0042	ND	0.49	9.81

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**Field Dup 12-18"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.97	0.0121	ND	0.49	10.43
Arochlor 1221	1	88.97	0.0222	ND	0.49	10.43
Arochlor 1232	1	88.97	0.0151	ND	0.49	10.43
Arochlor 1242	1	88.97	0.0172	ND	0.49	10.43
Arochlor 1248	1	88.97	0.0069	ND	0.49	10.43
Arochlor 1254	1	88.97	0.0043	ND	0.49	10.43
Arochlor 1260	1	88.97	0.0039	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4320.24 3/5/99 3/8/99 3/17/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **Field Dup 24-30"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.26	0.0123	ND	0.49	10.53
Arochlor 1221	1	86.26	0.0227	ND	0.49	10.53
Arochlor 1232	1	86.26	0.0154	ND	0.49	10.53
Arochlor 1242	1	86.26	0.0176	ND	0.49	10.53
Arochlor 1248	1	86.26	0.0070	ND	0.49	10.53
Arochlor 1254	1	86.26	0.0044	ND	0.49	10.53
Arochlor 1260	1	86.26	0.0040	ND	0.49	10.53

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**Field Dup 36-42"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.53	0.0123	ND	0.49	10.87
Arochlor 1221	1	83.53	0.0227	ND	0.49	10.87
Arochlor 1232	1	83.53	0.0154	ND	0.49	10.87
Arochlor 1242	1	83.53	0.0176	ND	0.49	10.87
Arochlor 1248	1	83.53	0.0070	ND	0.49	10.87
Arochlor 1254	1	83.53	0.0044	ND	0.49	10.87
Arochlor 1260	1	83.53	0.0040	ND	0.49	10.87

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**Field Dup 48-54"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.83	0.0127	ND	0.49	10.79
Arochlor 1221	1	81.83	0.0233	ND	0.49	10.79
Arochlor 1232	1	81.83	0.0159	ND	0.49	10.79
Arochlor 1242	1	81.83	0.0181	ND	0.49	10.79
Arochlor 1248	1	81.83	0.0072	ND	0.49	10.79
Arochlor 1254	1	81.83	0.0045	ND	0.49	10.79
Arochlor 1260	1	81.83	0.0041	ND	0.49	10.79

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4320.27 3/5/99 3/8/99 3/16/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-20** **Field Dup** 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.70	0.0138	ND	0.49	9.90
Arochlor 1221	1	81.70	0.0255	ND	0.49	9.90
Arochlor 1232	1	81.70	0.0173	ND	0.49	9.90
Arochlor 1242	1	81.70	0.0198	ND	0.49	9.90
Arochlor 1248	1	81.70	0.0079	ND	0.49	9.90
Arochlor 1254	1	81.70	0.0049	ND	0.49	9.90
Arochlor 1260	1	81.70	0.0045	ND	0.49	9.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.73	0.0127	ND	0.49	10.53
Arochlor 1221	1	83.73	0.0234	ND	0.49	10.53
Arochlor 1232	1	83.73	0.0159	ND	0.49	10.53
Arochlor 1242	1	83.73	0.0181	ND	0.49	10.53
Arochlor 1248	1	83.73	0.0073	ND	0.49	10.53
Arochlor 1254	1	83.73	0.0045	ND	0.49	10.53
Arochlor 1260	1	83.73	0.0041	ND	0.49	10.53

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.35
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 12-18

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.26**	**0.0125**	**ND**	**0.49**	**10.00**
Arochlor 1221	**1**	**89.26**	**0.0231**	**ND**	**0.49**	**10.00**
Arochlor 1232	**1**	**89.26**	**0.0157**	**ND**	**0.49**	**10.00**
Arochlor 1242	**1**	**89.26**	**0.0179**	**ND**	**0.49**	**10.00**
Arochlor 1248	**1**	**89.26**	**0.0072**	**ND**	**0.49**	**10.00**
Arochlor 1254	**1**	**89.26**	**0.0045**	**ND**	**0.49**	**10.00**
Arochlor 1260	**1**	**89.26**	**0.0040**	**ND**	**0.49**	**10.00**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 24-30

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.94**	**0.0129**	**ND**	**0.49**	**10.24**
Arochlor 1221	**1**	**84.94**	**0.0237**	**ND**	**0.49**	**10.24**
Arochlor 1232	**1**	**84.94**	**0.0161**	**ND**	**0.49**	**10.24**
Arochlor 1242	**1**	**84.94**	**0.0184**	**ND**	**0.49**	**10.24**
Arochlor 1248	**1**	**84.94**	**0.0074**	**ND**	**0.49**	**10.24**
Arochlor 1254	**1**	**84.94**	**0.0046**	**ND**	**0.49**	**10.24**
Arochlor 1260	**1**	**84.94**	**0.0041**	**ND**	**0.49**	**10.24**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.37
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 36-42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.63	0.0138	ND	0.49	10.09
Arochlor 1221	1	80.63	0.0253	ND	0.49	10.09
Arochlor 1232	1	80.63	0.0172	ND	0.49	10.09
Arochlor 1242	1	80.63	0.0197	ND	0.49	10.09
Arochlor 1248	1	80.63	0.0079	ND	0.49	10.09
Arochlor 1254	1	80.63	0.0049	ND	0.49	10.09
Arochlor 1260	1	80.63	0.0044	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 48-54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.94	0.0121	ND	0.49	9.96
Arochlor 1221	1	92.94	0.0223	ND	0.49	9.96
Arochlor 1232	1	92.94	0.0151	ND	0.49	9.96
Arochlor 1242	1	92.94	0.0173	ND	0.49	9.96
Arochlor 1248	1	92.94	0.0069	ND	0.49	9.96
Arochlor 1254	1	92.94	0.0043	ND	0.49	9.96
Arochlor 1260	1	92.94	0.0039	ND	0.49	9.96

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 60-66

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.19	0.0199	ND	0.49	10.40
Arochlor 1221	1	54.19	0.0366	ND	0.49	10.40
Arochlor 1232	1	54.19	0.0248	ND	0.49	10.40
Arochlor 1242	1	54.19	0.0284	ND	0.49	10.40
Arochlor 1248	1	54.19	0.0114	ND	0.49	10.40
Arochlor 1254	1	54.19	0.0071	ND	0.49	10.40
Arochlor 1260	1	54.19	0.0064	ND	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 72-78

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	58.28	0.0187	ND	0.49	10.25
Arochlor 1221	1	58.28	0.0345	ND	0.49	10.25
Arochlor 1232	1	58.28	0.0234	ND	0.49	10.25
Arochlor 1242	1	58.28	0.0268	ND	0.49	10.25
Arochlor 1248	1	58.28	0.0107	ND	0.49	10.25
Arochlor 1254	1	58.28	0.0067	ND	0.49	10.25
Arochlor 1260	1	58.28	0.0060	ND	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.20 11/24/99 12/2/99 12/2/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 Field Dup 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.12	0.0115	ND	0.49	10.68
Arochlor 1221	1	91.12	0.0212	ND	0.49	10.68
Arochlor 1232	1	91.12	0.0144	ND	0.49	10.68
Arochlor 1242	1	91.12	0.0164	ND	0.49	10.68
Arochlor 1248	1	91.12	0.0066	ND	0.49	10.68
Arochlor 1254	1	91.12	0.0041	ND	0.49	10.68
Arochlor 1260	1	91.12	0.0037	ND	0.49	10.68

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.21 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 12-18

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.80	0.0122	ND	0.49	10.04
Arochlor 1221	1	91.80	0.0224	ND	0.49	10.04
Arochlor 1232	1	91.80	0.0152	ND	0.49	10.04
Arochlor 1242	1	91.80	0.0174	ND	0.49	10.04
Arochlor 1248	1	91.80	0.0069	ND	0.49	10.04
Arochlor 1254	1	91.80	0.0043	ND	0.49	10.04
Arochlor 1260	1	91.80	0.0039	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.22 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 24-30

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.61	0.0124	ND	0.49	10.65
Arochlor 1221	1	84.61	0.0229	ND	0.49	10.65
Arochlor 1232	1	84.61	0.0155	ND	0.49	10.65
Arochlor 1242	1	84.61	0.0178	ND	0.49	10.65
Arochlor 1248	1	84.61	0.0071	ND	0.49	10.65
Arochlor 1254	1	84.61	0.0044	ND	0.49	10.65
Arochlor 1260	1	84.61	0.0040	ND	0.49	10.65

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.23 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 36-42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.12	0.0125	ND	0.49	10.61
Arochlor 1221	1	84.12	0.0231	ND	0.49	10.61
Arochlor 1232	1	84.12	0.0157	ND	0.49	10.61
Arochlor 1242	1	84.12	0.0179	ND	0.49	10.61
Arochlor 1248	1	84.12	0.0072	ND	0.49	10.61
Arochlor 1254	1	84.12	0.0045	ND	0.49	10.61
Arochlor 1260	1	84.12	0.0040	ND	0.49	10.61

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.24 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 48-54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.04	0.0129	ND	0.49	10.24
Arochlor 1221	1	85.04	0.0237	ND	0.49	10.24
Arochlor 1232	1	85.04	0.0161	ND	0.49	10.24
Arochlor 1242	1	85.04	0.0184	ND	0.49	10.24
Arochlor 1248	1	85.04	0.0073	ND	0.49	10.24
Arochlor 1254	1	85.04	0.0046	ND	0.49	10.24
Arochlor 1260	1	85.04	0.0041	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.25 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 60-66

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.93	0.0114	ND	0.49	10.97
Arochlor 1221	1	89.93	0.0209	ND	0.49	10.97
Arochlor 1232	1	89.93	0.0142	ND	0.49	10.97
Arochlor 1242	1	89.93	0.0162	ND	0.49	10.97
Arochlor 1248	1	89.93	0.0065	ND	0.49	10.97
Arochlor 1254	1	89.93	0.0041	ND	0.49	10.97
Arochlor 1260	1	89.93	0.0036	ND	0.49	10.97

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	12/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 72-78

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.29	0.0122	ND	0.49	10.52
Arochlor 1221	1	87.29	0.0224	ND	0.49	10.52
Arochlor 1232	1	87.29	0.0152	ND	0.49	10.52
Arochlor 1242	1	87.29	0.0174	ND	0.49	10.52
Arochlor 1248	1	87.29	0.0070	ND	0.49	10.52
Arochlor 1254	1	87.29	0.0044	ND	0.49	10.52
Arochlor 1260	1	87.29	0.0039	ND	0.49	10.52

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	12/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	Field Dup 84-90

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.07	0.0140	ND	0.49	10.09
Arochlor 1221	1	79.07	0.0258	ND	0.49	10.09
Arochlor 1232	1	79.07	0.0175	ND	0.49	10.09
Arochlor 1242	1	79.07	0.0201	ND	0.49	10.09
Arochlor 1248	1	79.07	0.0080	ND	0.49	10.09
Arochlor 1254	1	79.07	0.0050	ND	0.49	10.09
Arochlor 1260	1	79.07	0.0045	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.119
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	FD 72-78'

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.73	0.0131	ND	0.49	10.43
Arochlor 1221	1	81.73	0.0242	ND	0.49	10.43
Arochlor 1232	1	81.73	0.0164	ND	0.49	10.43
Arochlor 1242	1	81.73	0.0188	ND	0.49	10.43
Arochlor 1248	1	81.73	0.0075	ND	0.49	10.43
Arochlor 1254	1	81.73	0.0047	ND	0.49	10.43
Arochlor 1260	1	81.73	0.0042	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.120
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	FD 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.01	0.0127	ND	0.49	10.49
Arochlor 1221	1	84.01	0.0234	ND	0.49	10.49
Arochlor 1232	1	84.01	0.0159	ND	0.49	10.49
Arochlor 1242	1	84.01	0.0182	ND	0.49	10.49
Arochlor 1248	1	84.01	0.0073	ND	0.49	10.49
Arochlor 1254	1	84.01	0.0045	ND	0.49	10.49
Arochlor 1260	1	84.01	0.0041	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.121
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	FD 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.03	0.0126	ND	0.49	10.21
Arochlor 1221	1	87.03	0.0232	ND	0.49	10.21
Arochlor 1232	1	87.03	0.0158	ND	0.49	10.21
Arochlor 1242	1	87.03	0.0180	ND	0.49	10.21
Arochlor 1248	1	87.03	0.0072	ND	0.49	10.21
Arochlor 1254	1	87.03	0.0045	ND	0.49	10.21
Arochlor 1260	1	87.03	0.0041	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.122
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	FD 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.89	0.0123	ND	0.49	10.10
Arochlor 1221	1	89.89	0.0227	ND	0.49	10.10
Arochlor 1232	1	89.89	0.0154	ND	0.49	10.10
Arochlor 1242	1	89.89	0.0176	ND	0.49	10.10
Arochlor 1248	1	89.89	0.0070	ND	0.49	10.10
Arochlor 1254	1	89.89	0.0044	ND	0.49	10.10
Arochlor 1260	1	89.89	0.0040	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	01 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.09	0.0125	0.063	0.49	10.55
Arochlor 1221	1	85.09	0.0229	ND	0.49	10.55
Arochlor 1232	1	85.09	0.0156	ND	0.49	10.55
Arochlor 1242	1	85.09	0.0178	ND	0.49	10.55
Arochlor 1248	1	85.09	0.0071	ND	0.49	10.55
Arochlor 1254	1	85.09	0.0045	ND	0.49	10.55
Arochlor 1260	1	85.09	0.0040	0.054	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**01**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.30	0.0127	0.053	0.49	10.09
Arochlor 1221	1	87.30	0.0234	ND	0.49	10.09
Arochlor 1232	1	87.30	0.0159	ND	0.49	10.09
Arochlor 1242	1	87.30	0.0182	ND	0.49	10.09
Arochlor 1248	1	87.30	0.0073	ND	0.49	10.09
Arochlor 1254	1	87.30	0.0045	ND	0.49	10.09
Arochlor 1260	1	87.30	0.0041	0.236	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**01**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.13	0.0119	ND	0.49	10.25
Arochlor 1221	1	92.13	0.0218	ND	0.49	10.25
Arochlor 1232	1	92.13	0.0148	ND	0.49	10.25
Arochlor 1242	1	92.13	0.0169	ND	0.49	10.25
Arochlor 1248	1	92.13	0.0068	ND	0.49	10.25
Arochlor 1254	1	92.13	0.0042	ND	0.49	10.25
Arochlor 1260	1	92.13	0.0038	0.041	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**01**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.24	0.0134	ND	0.49	10.53
Arochlor 1221	1	79.24	0.0247	ND	0.49	10.53
Arochlor 1232	1	79.24	0.0168	ND	0.49	10.53
Arochlor 1242	1	79.24	0.0192	ND	0.49	10.53
Arochlor 1248	1	79.24	0.0077	ND	0.49	10.53
Arochlor 1254	1	79.24	0.0048	ND	0.49	10.53
Arochlor 1260	1	79.24	0.0043	ND	0.49	10.53

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**01**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	10	59.90	0.1846	8.669	0.49	10.13
Arochlor 1221	10	59.90	0.3395	ND	0.49	10.13
Arochlor 1232	10	59.90	0.2307	ND	0.49	10.13
Arochlor 1242	10	59.90	0.2637	ND	0.49	10.13
Arochlor 1248	10	59.90	0.1055	ND	0.49	10.13
Arochlor 1254	10	59.90	0.0659	ND	0.49	10.13
Arochlor 1260	10	59.90	0.0593	1.137	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**01**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**72.01**	**0.0144**	**ND**	**0.49**	**10.83**
Arochlor 1221	**1**	**72.01**	**0.0264**	**ND**	**0.49**	**10.83**
Arochlor 1232	**1**	**72.01**	**0.0180**	**ND**	**0.49**	**10.83**
Arochlor 1242	**1**	**72.01**	**0.0205**	**ND**	**0.49**	**10.83**
Arochlor 1248	**1**	**72.01**	**0.0082**	**ND**	**0.49**	**10.83**
Arochlor 1254	**1**	**72.01**	**0.0051**	**ND**	**0.49**	**10.83**
Arochlor 1260	**1**	**72.01**	**0.0046**	**3.206**	**0.49**	**10.83**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	1 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.01**	**0.0116**	**ND**	**0.49**	**10.59**
Arochlor 1221	**1**	**91.01**	**0.0214**	**ND**	**0.49**	**10.59**
Arochlor 1232	**1**	**91.01**	**0.0145**	**ND**	**0.49**	**10.59**
Arochlor 1242	**1**	**91.01**	**0.0166**	**ND**	**0.49**	**10.59**
Arochlor 1248	**1**	**91.01**	**0.0066**	**ND**	**0.49**	**10.59**
Arochlor 1254	**1**	**91.01**	**0.0042**	**ND**	**0.49**	**10.59**
Arochlor 1260	**1**	**91.01**	**0.0037**	**ND**	**0.49**	**10.59**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	1 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.01	0.0119	ND	0.49	10.24
Arochlor 1221	1	92.01	0.0219	ND	0.49	10.24
Arochlor 1232	1	92.01	0.0149	ND	0.49	10.24
Arochlor 1242	1	92.01	0.0170	ND	0.49	10.24
Arochlor 1248	1	92.01	0.0068	ND	0.49	10.24
Arochlor 1254	1	92.01	0.0042	ND	0.49	10.24
Arochlor 1260	1	92.01	0.0038	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	1 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.83	0.0120	ND	0.49	10.29
Arochlor 1221	1	90.83	0.0220	ND	0.49	10.29
Arochlor 1232	1	90.83	0.0150	ND	0.49	10.29
Arochlor 1242	1	90.83	0.0171	ND	0.49	10.29
Arochlor 1248	1	90.83	0.0068	ND	0.49	10.29
Arochlor 1254	1	90.83	0.0043	ND	0.49	10.29
Arochlor 1260	1	90.83	0.0039	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	1 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	50.80	0.0210	ND	0.49	10.50
Arochlor 1221	1	50.80	0.0386	ND	0.49	10.50
Arochlor 1232	1	50.80	0.0262	ND	0.49	10.50
Arochlor 1242	1	50.80	0.0300	ND	0.49	10.50
Arochlor 1248	1	50.80	0.0120	ND	0.49	10.50
Arochlor 1254	1	50.80	0.0075	ND	0.49	10.50
Arochlor 1260	1	50.80	0.0067	ND	0.49	10.50

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	02 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.82	0.0121	ND	0.49	10.04
Arochlor 1221	1	91.82	0.0223	ND	0.49	10.04
Arochlor 1232	1	91.82	0.0152	ND	0.49	10.04
Arochlor 1242	1	91.82	0.0174	ND	0.49	10.04
Arochlor 1248	1	91.82	0.0069	ND	0.49	10.04
Arochlor 1254	1	91.82	0.0043	ND	0.49	10.04
Arochlor 1260	1	91.82	0.0039	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**02**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.88	0.0128	1.162	0.49	10.41
Arochlor 1221	1	83.88	0.0236	ND	0.49	10.41
Arochlor 1232	1	83.88	0.0160	ND	0.49	10.41
Arochlor 1242	1	83.88	0.0183	ND	0.49	10.41
Arochlor 1248	1	83.88	0.0073	ND	0.49	10.41
Arochlor 1254	1	83.88	0.0046	ND	0.49	10.41
Arochlor 1260	1	83.88	0.0041	0.110	0.49	10.41

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**02**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.29	0.0137	ND	0.49	9.47
Arochlor 1221	1	86.29	0.0252	ND	0.49	9.47
Arochlor 1232	1	86.29	0.0171	ND	0.49	9.47
Arochlor 1242	1	86.29	0.0196	ND	0.49	9.47
Arochlor 1248	1	86.29	0.0078	ND	0.49	9.47
Arochlor 1254	1	86.29	0.0049	ND	0.49	9.47
Arochlor 1260	1	86.29	0.0044	ND	0.49	9.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**02**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**10**	**85.08**	**0.1216**	**12.481**	**0.49**	**10.83**
Arochlor 1221	**10**	**85.08**	**0.2236**	**ND**	**0.49**	**10.83**
Arochlor 1232	**10**	**85.08**	**0.1519**	**ND**	**0.49**	**10.83**
Arochlor 1242	**10**	**85.08**	**0.1736**	**ND**	**0.49**	**10.83**
Arochlor 1248	**10**	**85.08**	**0.0695**	**ND**	**0.49**	**10.83**
Arochlor 1254	**10**	**85.08**	**0.0434**	**ND**	**0.49**	**10.83**
Arochlor 1260	**10**	**85.08**	**0.0391**	**0.499**	**0.49**	**10.83**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**02**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**5**	**46.42**	**0.1157**	**12.413**	**0.49**	**10.43**
Arochlor 1221	**5**	**46.42**	**0.2127**	**ND**	**0.49**	**10.43**
Arochlor 1232	**5**	**46.42**	**0.1446**	**ND**	**0.49**	**10.43**
Arochlor 1242	**5**	**46.42**	**0.1652**	**ND**	**0.49**	**10.43**
Arochlor 1248	**5**	**46.42**	**0.0661**	**ND**	**0.49**	**10.43**
Arochlor 1254	**5**	**46.42**	**0.0413**	**ND**	**0.49**	**10.43**
Arochlor 1260	**5**	**46.42**	**0.0372**	**0.727**	**0.49**	**10.43**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**02**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**55.13**	**0.0185**	**ND**	**0.49**	**10.96**
Arochlor 1221	**1**	**55.13**	**0.0341**	**ND**	**0.49**	**10.96**
Arochlor 1232	**1**	**55.13**	**0.0232**	**ND**	**0.49**	**10.96**
Arochlor 1242	**1**	**55.13**	**0.0265**	**ND**	**0.49**	**10.96**
Arochlor 1248	**1**	**55.13**	**0.0106**	**ND**	**0.49**	**10.96**
Arochlor 1254	**1**	**55.13**	**0.0066**	**ND**	**0.49**	**10.96**
Arochlor 1260	**1**	**55.13**	**0.0060**	**ND**	**0.49**	**10.96**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	03 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.20	0.0122	0.967	0.49	11.04
Arochlor 1221	1	83.20	0.0224	ND	0.49	11.04
Arochlor 1232	1	83.20	0.0152	ND	0.49	11.04
Arochlor 1242	1	83.20	0.0174	ND	0.49	11.04
Arochlor 1248	1	83.20	0.0070	ND	0.49	11.04
Arochlor 1254	1	83.20	0.0044	ND	0.49	11.04
Arochlor 1260	1	83.20	0.0039	0.171	0.49	11.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**03**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.51	0.0116	ND	0.49	10.54
Arochlor 1221	1	91.51	0.0214	ND	0.49	10.54
Arochlor 1232	1	91.51	0.0145	ND	0.49	10.54
Arochlor 1242	1	91.51	0.0166	ND	0.49	10.54
Arochlor 1248	1	91.51	0.0066	ND	0.49	10.54
Arochlor 1254	1	91.51	0.0041	ND	0.49	10.54
Arochlor 1260	1	91.51	0.0037	ND	0.49	10.54

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**03**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.22	0.0118	ND	0.49	10.42
Arochlor 1221	1	91.22	0.0217	ND	0.49	10.42
Arochlor 1232	1	91.22	0.0147	ND	0.49	10.42
Arochlor 1242	1	91.22	0.0168	ND	0.49	10.42
Arochlor 1248	1	91.22	0.0067	ND	0.49	10.42
Arochlor 1254	1	91.22	0.0042	ND	0.49	10.42
Arochlor 1260	1	91.22	0.0038	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**03**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.68	0.0111	ND	0.49	11.14
Arochlor 1221	1	90.68	0.0204	ND	0.49	11.14
Arochlor 1232	1	90.68	0.0139	ND	0.49	11.14
Arochlor 1242	1	90.68	0.0158	ND	0.49	11.14
Arochlor 1248	1	90.68	0.0063	ND	0.49	11.14
Arochlor 1254	1	90.68	0.0040	ND	0.49	11.14
Arochlor 1260	1	90.68	0.0036	ND	0.49	11.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**03**
			48-54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.27**	**0.0125**	**ND**	**0.49**	**10.62**
Arochlor 1221	**1**	**84.27**	**0.0230**	**ND**	**0.49**	**10.62**
Arochlor 1232	**1**	**84.27**	**0.0156**	**ND**	**0.49**	**10.62**
Arochlor 1242	**1**	**84.27**	**0.0179**	**ND**	**0.49**	**10.62**
Arochlor 1248	**1**	**84.27**	**0.0072**	**ND**	**0.49**	**10.62**
Arochlor 1254	**1**	**84.27**	**0.0045**	**ND**	**0.49**	**10.62**
Arochlor 1260	**1**	**84.27**	**0.0040**	**ND**	**0.49**	**10.62**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000244

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**03**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	49.24	0.0225	1.935	0.49	10.13
Arochlor 1221	1	49.24	0.0413	ND	0.49	10.13
Arochlor 1232	1	49.24	0.0281	ND	0.49	10.13
Arochlor 1242	1	49.24	0.0321	ND	0.49	10.13
Arochlor 1248	1	49.24	0.0128	ND	0.49	10.13
Arochlor 1254	1	49.24	0.0080	ND	0.49	10.13
Arochlor 1260	1	49.24	0.0072	0.133	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.72	0.0132	ND	0.49	10.00
Arochlor 1221	1	84.72	0.0243	ND	0.49	10.00
Arochlor 1232	1	84.72	0.0165	ND	0.49	10.00
Arochlor 1242	1	84.72	0.0189	ND	0.49	10.00
Arochlor 1248	1	84.72	0.0076	ND	0.49	10.00
Arochlor 1254	1	84.72	0.0047	ND	0.49	10.00
Arochlor 1260	1	84.72	0.0042	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000246

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**43.67**	**0.0253**	**ND**	**0.49**	**10.15**
Arochlor 1221	**1**	**43.67**	**0.0465**	**ND**	**0.49**	**10.15**
Arochlor 1232	**1**	**43.67**	**0.0316**	**ND**	**0.49**	**10.15**
Arochlor 1242	**1**	**43.67**	**0.0361**	**ND**	**0.49**	**10.15**
Arochlor 1248	**1**	**43.67**	**0.0144**	**ND**	**0.49**	**10.15**
Arochlor 1254	**1**	**43.67**	**0.0090**	**ND**	**0.49**	**10.15**
Arochlor 1260	**1**	**43.67**	**0.0081**	**ND**	**0.49**	**10.15**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	62.26	0.0175	ND	0.49	10.28
Arochlor 1221	1	62.26	0.0322	ND	0.49	10.28
Arochlor 1232	1	62.26	0.0219	ND	0.49	10.28
Arochlor 1242	1	62.26	0.0250	ND	0.49	10.28
Arochlor 1248	1	62.26	0.0100	ND	0.49	10.28
Arochlor 1254	1	62.26	0.0062	ND	0.49	10.28
Arochlor 1260	1	62.26	0.0056	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	48.83	0.0221	ND	0.49	10.40
Arochlor 1221	1	48.83	0.0406	ND	0.49	10.40
Arochlor 1232	1	48.83	0.0276	ND	0.49	10.40
Arochlor 1242	1	48.83	0.0315	ND	0.49	10.40
Arochlor 1248	1	48.83	0.0126	ND	0.49	10.40
Arochlor 1254	1	48.83	0.0079	ND	0.49	10.40
Arochlor 1260	1	48.83	0.0071	ND	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.65	0.0138	ND	0.49	10.07
Arochlor 1221	1	80.65	0.0254	ND	0.49	10.07
Arochlor 1232	1	80.65	0.0172	ND	0.49	10.07
Arochlor 1242	1	80.65	0.0197	ND	0.49	10.07
Arochlor 1248	1	80.65	0.0079	ND	0.49	10.07
Arochlor 1254	1	80.65	0.0049	ND	0.49	10.07
Arochlor 1260	1	80.65	0.0044	ND	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.20**	**0.0122**	**ND**	**0.49**	**10.54**
Arochlor 1221	**1**	**87.20**	**0.0224**	**ND**	**0.49**	**10.54**
Arochlor 1232	**1**	**87.20**	**0.0152**	**ND**	**0.49**	**10.54**
Arochlor 1242	**1**	**87.20**	**0.0174**	**ND**	**0.49**	**10.54**
Arochlor 1248	**1**	**87.20**	**0.0070**	**ND**	**0.49**	**10.54**
Arochlor 1254	**1**	**87.20**	**0.0044**	**ND**	**0.49**	**10.54**
Arochlor 1260	**1**	**87.20**	**0.0039**	**ND**	**0.49**	**10.54**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.70	0.0126	ND	0.49	10.26
Arochlor 1221	1	86.70	0.0232	ND	0.49	10.26
Arochlor 1232	1	86.70	0.0157	ND	0.49	10.26
Arochlor 1242	1	86.70	0.0180	ND	0.49	10.26
Arochlor 1248	1	86.70	0.0072	ND	0.49	10.26
Arochlor 1254	1	86.70	0.0045	ND	0.49	10.26
Arochlor 1260	1	86.70	0.0040	ND	0.49	10.26

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.01	0.0125	ND	0.49	10.27
Arochlor 1221	1	87.01	0.0231	ND	0.49	10.27
Arochlor 1232	1	87.01	0.0157	ND	0.49	10.27
Arochlor 1242	1	87.01	0.0179	ND	0.49	10.27
Arochlor 1248	1	87.01	0.0072	ND	0.49	10.27
Arochlor 1254	1	87.01	0.0045	ND	0.49	10.27
Arochlor 1260	1	87.01	0.0040	ND	0.49	10.27

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.40	0.0126	ND	0.49	10.08
Arochlor 1221	1	88.40	0.0231	ND	0.49	10.08
Arochlor 1232	1	88.40	0.0157	ND	0.49	10.08
Arochlor 1242	1	88.40	0.0180	ND	0.49	10.08
Arochlor 1248	1	88.40	0.0072	ND	0.49	10.08
Arochlor 1254	1	88.40	0.0045	ND	0.49	10.08
Arochlor 1260	1	88.40	0.0040	ND	0.49	10.08

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.33
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.63	0.0120	ND	0.49	10.49
Arochlor 1221	1	88.63	0.0222	ND	0.49	10.49
Arochlor 1232	1	88.63	0.0151	ND	0.49	10.49
Arochlor 1242	1	88.63	0.0172	ND	0.49	10.49
Arochlor 1248	1	88.63	0.0069	ND	0.49	10.49
Arochlor 1254	1	88.63	0.0043	ND	0.49	10.49
Arochlor 1260	1	88.63	0.0039	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.02	0.0122	ND	0.49	10.78
Arochlor 1221	1	85.02	0.0225	ND	0.49	10.78
Arochlor 1232	1	85.02	0.0153	ND	0.49	10.78
Arochlor 1242	1	85.02	0.0175	ND	0.49	10.78
Arochlor 1248	1	85.02	0.0070	ND	0.49	10.78
Arochlor 1254	1	85.02	0.0044	ND	0.49	10.78
Arochlor 1260	1	85.02	0.0039	ND	0.49	10.78

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.35
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.48	0.0115	ND	0.49	10.73
Arochlor 1221	1	90.48	0.0212	ND	0.49	10.73
Arochlor 1232	1	90.48	0.0144	ND	0.49	10.73
Arochlor 1242	1	90.48	0.0165	ND	0.49	10.73
Arochlor 1248	1	90.48	0.0066	ND	0.49	10.73
Arochlor 1254	1	90.48	0.0041	ND	0.49	10.73
Arochlor 1260	1	90.48	0.0037	ND	0.49	10.73

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	63.74	0.0177	ND	0.49	9.90
Arochlor 1221	1	63.74	0.0326	ND	0.49	9.90
Arochlor 1232	1	63.74	0.0222	ND	0.49	9.90
Arochlor 1242	1	63.74	0.0254	ND	0.49	9.90
Arochlor 1248	1	63.74	0.0101	ND	0.49	9.90
Arochlor 1254	1	63.74	0.0063	ND	0.49	9.90
Arochlor 1260	1	63.74	0.0057	ND	0.49	9.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.51	0.0119	ND	0.49	10.54
Arochlor 1221	1	89.51	0.0218	ND	0.49	10.54
Arochlor 1232	1	89.51	0.0148	ND	0.49	10.54
Arochlor 1242	1	89.51	0.0170	ND	0.49	10.54
Arochlor 1248	1	89.51	0.0068	ND	0.49	10.54
Arochlor 1254	1	89.51	0.0042	ND	0.49	10.54
Arochlor 1260	1	89.51	0.0038	ND	0.49	10.54

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.31	0.0113	ND	0.49	10.53
Arochlor 1221	1	94.31	0.0207	ND	0.49	10.53
Arochlor 1232	1	94.31	0.0141	ND	0.49	10.53
Arochlor 1242	1	94.31	0.0161	ND	0.49	10.53
Arochlor 1248	1	94.31	0.0064	ND	0.49	10.53
Arochlor 1254	1	94.31	0.0040	ND	0.49	10.53
Arochlor 1260	1	94.31	0.0036	ND	0.49	10.53

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.13	0.0113	ND	0.49	10.95
Arochlor 1221	1	90.13	0.0209	ND	0.49	10.95
Arochlor 1232	1	90.13	0.0142	ND	0.49	10.95
Arochlor 1242	1	90.13	0.0162	ND	0.49	10.95
Arochlor 1248	1	90.13	0.0065	ND	0.49	10.95
Arochlor 1254	1	90.13	0.0041	ND	0.49	10.95
Arochlor 1260	1	90.13	0.0036	ND	0.49	10.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.06	0.0121	ND	0.49	10.43
Arochlor 1221	1	89.06	0.0222	ND	0.49	10.43
Arochlor 1232	1	89.06	0.0151	ND	0.49	10.43
Arochlor 1242	1	89.06	0.0172	ND	0.49	10.43
Arochlor 1248	1	89.06	0.0069	ND	0.49	10.43
Arochlor 1254	1	89.06	0.0043	ND	0.49	10.43
Arochlor 1260	1	89.06	0.0039	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.37	0.0126	ND	0.49	10.18
Arochlor 1221	1	87.37	0.0232	ND	0.49	10.18
Arochlor 1232	1	87.37	0.0157	ND	0.49	10.18
Arochlor 1242	1	87.37	0.0180	ND	0.49	10.18
Arochlor 1248	1	87.37	0.0072	ND	0.49	10.18
Arochlor 1254	1	87.37	0.0045	ND	0.49	10.18
Arochlor 1260	1	87.37	0.0040	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.33	0.0117	ND	0.49	10.71
Arochlor 1221	1	89.33	0.0215	ND	0.49	10.71
Arochlor 1232	1	89.33	0.0146	ND	0.49	10.71
Arochlor 1242	1	89.33	0.0167	ND	0.49	10.71
Arochlor 1248	1	89.33	0.0067	ND	0.49	10.71
Arochlor 1254	1	89.33	0.0042	ND	0.49	10.71
Arochlor 1260	1	89.33	0.0038	ND	0.49	10.71

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.72	0.0124	ND	0.49	10.18
Arochlor 1221	1	88.72	0.0228	ND	0.49	10.18
Arochlor 1232	1	88.72	0.0155	ND	0.49	10.18
Arochlor 1242	1	88.72	0.0177	ND	0.49	10.18
Arochlor 1248	1	88.72	0.0071	ND	0.49	10.18
Arochlor 1254	1	88.72	0.0044	ND	0.49	10.18
Arochlor 1260	1	88.72	0.0040	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	3-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	37.93	0.0270	ND	0.49	10.95
Arochlor 1221	1	37.93	0.0496	ND	0.49	10.95
Arochlor 1232	1	37.93	0.0337	ND	0.49	10.95
Arochlor 1242	1	37.93	0.0385	ND	0.49	10.95
Arochlor 1248	1	37.93	0.0154	ND	0.49	10.95
Arochlor 1254	1	37.93	0.0096	ND	0.49	10.95
Arochlor 1260	1	37.93	0.0087	ND	0.49	10.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.12	0.0117	ND	0.49	10.35
Arochlor 1221	1	92.12	0.0216	ND	0.49	10.35
Arochlor 1232	1	92.12	0.0147	ND	0.49	10.35
Arochlor 1242	1	92.12	0.0168	ND	0.49	10.35
Arochlor 1248	1	92.12	0.0067	ND	0.49	10.35
Arochlor 1254	1	92.12	0.0042	ND	0.49	10.35
Arochlor 1260	1	92.12	0.0038	ND	0.49	10.35

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04 12-18"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	5	87.63	0.0625	4.219	0.49	10.23
Arochlor 1221	5	87.63	0.1149	ND	0.49	10.23
Arochlor 1232	5	87.63	0.0781	ND	0.49	10.23
Arochlor 1242	5	87.63	0.0892	ND	0.49	10.23
Arochlor 1248	5	87.63	0.0357	ND	0.49	10.23
Arochlor 1254	5	87.63	0.0223	ND	0.49	10.23
Arochlor 1260	5	87.63	0.0201	0.279	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.99	0.0119	ND	0.49	10.19
Arochlor 1221	1	91.99	0.0220	ND	0.49	10.19
Arochlor 1232	1	91.99	0.0149	ND	0.49	10.19
Arochlor 1242	1	91.99	0.0171	ND	0.49	10.19
Arochlor 1248	1	91.99	0.0068	ND	0.49	10.19
Arochlor 1254	1	91.99	0.0043	ND	0.49	10.19
Arochlor 1260	1	91.99	0.0038	ND	0.49	10.19

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.89	0.0116	ND	0.49	10.49
Arochlor 1221	1	91.89	0.0214	ND	0.49	10.49
Arochlor 1232	1	91.89	0.0145	ND	0.49	10.49
Arochlor 1242	1	91.89	0.0166	ND	0.49	10.49
Arochlor 1248	1	91.89	0.0066	ND	0.49	10.49
Arochlor 1254	1	91.89	0.0041	ND	0.49	10.49
Arochlor 1260	1	91.89	0.0037	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.94	0.0118	ND	0.49	10.58
Arochlor 1221	1	89.94	0.0216	ND	0.49	10.58
Arochlor 1232	1	89.94	0.0147	ND	0.49	10.58
Arochlor 1242	1	89.94	0.0168	ND	0.49	10.58
Arochlor 1248	1	89.94	0.0067	ND	0.49	10.58
Arochlor 1254	1	89.94	0.0042	ND	0.49	10.58
Arochlor 1260	1	89.94	0.0038	ND	0.49	10.58

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4281.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/17/99
	Bldg. 173	**Extraction Date:**	2/18/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/23/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**04**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	20	54.96	0.3756	65.402	0.49	10.85
Arochlor 1221	20	54.96	0.6909	ND	0.49	10.85
Arochlor 1232	20	54.96	0.4695	ND	0.49	10.85
Arochlor 1242	20	54.96	0.5366	ND	0.49	10.85
Arochlor 1248	20	54.96	0.2147	ND	0.49	10.85
Arochlor 1254	20	54.96	0.1342	ND	0.49	10.85
Arochlor 1260	20	54.96	0.1207	10.431	0.49	10.85

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.33
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	4 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.04**	**0.0120**	**ND**	**0.49**	**10.46**
Arochlor 1221	**1**	**89.04**	**0.0221**	**ND**	**0.49**	**10.46**
Arochlor 1232	**1**	**89.04**	**0.0150**	**ND**	**0.49**	**10.46**
Arochlor 1242	**1**	**89.04**	**0.0172**	**ND**	**0.49**	**10.46**
Arochlor 1248	**1**	**89.04**	**0.0069**	**ND**	**0.49**	**10.46**
Arochlor 1254	**1**	**89.04**	**0.0043**	**ND**	**0.49**	**10.46**
Arochlor 1260	**1**	**89.04**	**0.0039**	**ND**	**0.49**	**10.46**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	4 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.29	0.0125	ND	0.49	10.14
Arochlor 1221	1	88.29	0.0230	ND	0.49	10.14
Arochlor 1232	1	88.29	0.0156	ND	0.49	10.14
Arochlor 1242	1	88.29	0.0179	ND	0.49	10.14
Arochlor 1248	1	88.29	0.0071	ND	0.49	10.14
Arochlor 1254	1	88.29	0.0045	ND	0.49	10.14
Arochlor 1260	1	88.29	0.0040	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.35
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	4 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.34	0.0120	ND	0.49	10.72
Arochlor 1221	1	87.34	0.0220	ND	0.49	10.72
Arochlor 1232	1	87.34	0.0150	ND	0.49	10.72
Arochlor 1242	1	87.34	0.0171	ND	0.49	10.72
Arochlor 1248	1	87.34	0.0068	ND	0.49	10.72
Arochlor 1254	1	87.34	0.0043	ND	0.49	10.72
Arochlor 1260	1	87.34	0.0038	ND	0.49	10.72

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	4 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.29	0.0117	ND	0.49	10.99
Arochlor 1221	1	87.29	0.0215	ND	0.49	10.99
Arochlor 1232	1	87.29	0.0146	ND	0.49	10.99
Arochlor 1242	1	87.29	0.0167	ND	0.49	10.99
Arochlor 1248	1	87.29	0.0067	ND	0.49	10.99
Arochlor 1254	1	87.29	0.0042	ND	0.49	10.99
Arochlor 1260	1	87.29	0.0038	ND	0.49	10.99

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**76.44**	**0.0137**	**ND**	**0.49**	**10.67**
Arochlor 1221	**1**	**76.44**	**0.0253**	**ND**	**0.49**	**10.67**
Arochlor 1232	**1**	**76.44**	**0.0172**	**ND**	**0.49**	**10.67**
Arochlor 1242	**1**	**76.44**	**0.0196**	**ND**	**0.49**	**10.67**
Arochlor 1248	**1**	**76.44**	**0.0078**	**ND**	**0.49**	**10.67**
Arochlor 1254	**1**	**76.44**	**0.0049**	**ND**	**0.49**	**10.67**
Arochlor 1260	**1**	**76.44**	**0.0044**	**ND**	**0.49**	**10.67**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.50**	**0.0123**	**0.117**	**0.49**	**10.80**
Arochlor 1221	**1**	**84.50**	**0.0226**	**ND**	**0.49**	**10.80**
Arochlor 1232	**1**	**84.50**	**0.0153**	**ND**	**0.49**	**10.80**
Arochlor 1242	**1**	**84.50**	**0.0175**	**ND**	**0.49**	**10.80**
Arochlor 1248	**1**	**84.50**	**0.0070**	**ND**	**0.49**	**10.80**
Arochlor 1254	**1**	**84.50**	**0.0044**	**ND**	**0.49**	**10.80**
Arochlor 1260	**1**	**84.50**	**0.0039**	**0.054**	**0.49**	**10.80**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.07	0.0130	0.050	0.49	9.99
Arochlor 1221	1	86.07	0.0240	ND	0.49	9.99
Arochlor 1232	1	86.07	0.0163	ND	0.49	9.99
Arochlor 1242	1	86.07	0.0186	ND	0.49	9.99
Arochlor 1248	1	86.07	0.0074	ND	0.49	9.99
Arochlor 1254	1	86.07	0.0047	ND	0.49	9.99
Arochlor 1260	1	86.07	0.0042	0.047	0.49	9.99

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.77	0.0128	ND	0.49	10.10
Arochlor 1221	1	86.77	0.0235	ND	0.49	10.10
Arochlor 1232	1	86.77	0.0160	ND	0.49	10.10
Arochlor 1242	1	86.77	0.0183	ND	0.49	10.10
Arochlor 1248	1	86.77	0.0073	ND	0.49	10.10
Arochlor 1254	1	86.77	0.0046	ND	0.49	10.10
Arochlor 1260	1	86.77	0.0041	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.20	0.0123	ND	0.49	10.07
Arochlor 1221	1	90.20	0.0227	ND	0.49	10.07
Arochlor 1232	1	90.20	0.0154	ND	0.49	10.07
Arochlor 1242	1	90.20	0.0176	ND	0.49	10.07
Arochlor 1248	1	90.20	0.0070	ND	0.49	10.07
Arochlor 1254	1	90.20	0.0044	ND	0.49	10.07
Arochlor 1260	1	90.20	0.0040	0.483	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**05**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**74.55**	**0.0149**	**ND**	**0.49**	**10.05**
Arochlor 1221	**1**	**74.55**	**0.0275**	**ND**	**0.49**	**10.05**
Arochlor 1232	**1**	**74.55**	**0.0187**	**ND**	**0.49**	**10.05**
Arochlor 1242	**1**	**74.55**	**0.0214**	**ND**	**0.49**	**10.05**
Arochlor 1248	**1**	**74.55**	**0.0085**	**ND**	**0.49**	**10.05**
Arochlor 1254	**1**	**74.55**	**0.0053**	**ND**	**0.49**	**10.05**
Arochlor 1260	**1**	**74.55**	**0.0048**	**0.148**	**0.49**	**10.05**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**06**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.30**	**0.0131**	**0.081**	**0.49**	**10.25**
Arochlor 1221	**1**	**83.30**	**0.0241**	**ND**	**0.49**	**10.25**
Arochlor 1232	**1**	**83.30**	**0.0164**	**ND**	**0.49**	**10.25**
Arochlor 1242	**1**	**83.30**	**0.0187**	**ND**	**0.49**	**10.25**
Arochlor 1248	**1**	**83.30**	**0.0075**	**ND**	**0.49**	**10.25**
Arochlor 1254	**1**	**83.30**	**0.0047**	**ND**	**0.49**	**10.25**
Arochlor 1260	**1**	**83.30**	**0.0042**	**0.040**	**0.49**	**10.25**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**06 12-18"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	96.00	0.0116	ND	0.49	10.06
Arochlor 1221	1	96.00	0.0213	ND	0.49	10.06
Arochlor 1232	1	96.00	0.0145	ND	0.49	10.06
Arochlor 1242	1	96.00	0.0166	ND	0.49	10.06
Arochlor 1248	1	96.00	0.0066	ND	0.49	10.06
Arochlor 1254	1	96.00	0.0041	ND	0.49	10.06
Arochlor 1260	1	96.00	0.0037	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	06 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.92	0.0117	ND	0.49	10.19
Arochlor 1221	1	93.92	0.0215	ND	0.49	10.19
Arochlor 1232	1	93.92	0.0146	ND	0.49	10.19
Arochlor 1242	1	93.92	0.0167	ND	0.49	10.19
Arochlor 1248	1	93.92	0.0067	ND	0.49	10.19
Arochlor 1254	1	93.92	0.0042	ND	0.49	10.19
Arochlor 1260	1	93.92	0.0038	ND	0.49	10.19

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**06**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	72.28	0.0153	ND	0.49	10.16
Arochlor 1221	1	72.28	0.0281	ND	0.49	10.16
Arochlor 1232	1	72.28	0.0191	ND	0.49	10.16
Arochlor 1242	1	72.28	0.0218	ND	0.49	10.16
Arochlor 1248	1	72.28	0.0087	ND	0.49	10.16
Arochlor 1254	1	72.28	0.0054	ND	0.49	10.16
Arochlor 1260	1	72.28	0.0049	0.029	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/22/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/26/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**06**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.41	0.0118	ND	0.49	10.14
Arochlor 1221	1	93.41	0.0217	ND	0.49	10.14
Arochlor 1232	1	93.41	0.0148	ND	0.49	10.14
Arochlor 1242	1	93.41	0.0169	ND	0.49	10.14
Arochlor 1248	1	93.41	0.0068	ND	0.49	10.14
Arochlor 1254	1	93.41	0.0042	ND	0.49	10.14
Arochlor 1260	1	93.41	0.0038	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**06**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	50	55.88	1.0062	208.421	0.49	9.96
Arochlor 1221	50	55.88	1.8506	ND	0.49	9.96
Arochlor 1232	50	55.88	1.2577	ND	0.49	9.96
Arochlor 1242	50	55.88	1.4374	ND	0.49	9.96
Arochlor 1248	50	55.88	0.5750	ND	0.49	9.96
Arochlor 1254	50	55.88	0.3593	ND	0.49	9.96
Arochlor 1260	50	55.88	0.3234	3.180	0.49	9.96

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.37
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.03	0.0118	ND	0.49	10.87
Arochlor 1221	1	87.03	0.0218	ND	0.49	10.87
Arochlor 1232	1	87.03	0.0148	ND	0.49	10.87
Arochlor 1242	1	87.03	0.0169	ND	0.49	10.87
Arochlor 1248	1	87.03	0.0068	ND	0.49	10.87
Arochlor 1254	1	87.03	0.0042	ND	0.49	10.87
Arochlor 1260	1	87.03	0.0038	ND	0.49	10.87

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.10**	**0.0116**	**ND**	**0.49**	**10.94**
Arochlor 1221	**1**	**88.10**	**0.0214**	**ND**	**0.49**	**10.94**
Arochlor 1232	**1**	**88.10**	**0.0145**	**ND**	**0.49**	**10.94**
Arochlor 1242	**1**	**88.10**	**0.0166**	**ND**	**0.49**	**10.94**
Arochlor 1248	**1**	**88.10**	**0.0066**	**ND**	**0.49**	**10.94**
Arochlor 1254	**1**	**88.10**	**0.0042**	**ND**	**0.49**	**10.94**
Arochlor 1260	**1**	**88.10**	**0.0037**	**ND**	**0.49**	**10.94**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.46	0.0111	ND	0.49	10.66
Arochlor 1221	1	94.46	0.0205	ND	0.49	10.66
Arochlor 1232	1	94.46	0.0139	ND	0.49	10.66
Arochlor 1242	1	94.46	0.0159	ND	0.49	10.66
Arochlor 1248	1	94.46	0.0064	ND	0.49	10.66
Arochlor 1254	1	94.46	0.0040	ND	0.49	10.66
Arochlor 1260	1	94.46	0.0036	ND	0.49	10.66

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.96	0.0124	ND	0.49	10.05
Arochlor 1221	1	89.96	0.0228	ND	0.49	10.05
Arochlor 1232	1	89.96	0.0155	ND	0.49	10.05
Arochlor 1242	1	89.96	0.0177	ND	0.49	10.05
Arochlor 1248	1	89.96	0.0071	ND	0.49	10.05
Arochlor 1254	1	89.96	0.0044	ND	0.49	10.05
Arochlor 1260	1	89.96	0.0040	ND	0.49	10.05

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.37
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.40	0.0129	ND	0.49	10.26
Arochlor 1221	1	84.40	0.0238	ND	0.49	10.26
Arochlor 1232	1	84.40	0.0162	ND	0.49	10.26
Arochlor 1242	1	84.40	0.0185	ND	0.49	10.26
Arochlor 1248	1	84.40	0.0074	ND	0.49	10.26
Arochlor 1254	1	84.40	0.0046	ND	0.49	10.26
Arochlor 1260	1	84.40	0.0042	ND	0.49	10.26

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**92.81**	**0.0118**	**ND**	**0.49**	**10.23**
Arochlor 1221	**1**	**92.81**	**0.0217**	**ND**	**0.49**	**10.23**
Arochlor 1232	**1**	**92.81**	**0.0147**	**ND**	**0.49**	**10.23**
Arochlor 1242	**1**	**92.81**	**0.0169**	**ND**	**0.49**	**10.23**
Arochlor 1248	**1**	**92.81**	**0.0067**	**ND**	**0.49**	**10.23**
Arochlor 1254	**1**	**92.81**	**0.0042**	**ND**	**0.49**	**10.23**
Arochlor 1260	**1**	**92.81**	**0.0038**	**ND**	**0.49**	**10.23**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.35**	**0.0116**	**ND**	**0.49**	**10.73**
Arochlor 1221	**1**	**90.35**	**0.0212**	**ND**	**0.49**	**10.73**
Arochlor 1232	**1**	**90.35**	**0.0144**	**ND**	**0.49**	**10.73**
Arochlor 1242	**1**	**90.35**	**0.0165**	**ND**	**0.49**	**10.73**
Arochlor 1248	**1**	**90.35**	**0.0066**	**ND**	**0.49**	**10.73**
Arochlor 1254	**1**	**90.35**	**0.0041**	**ND**	**0.49**	**10.73**
Arochlor 1260	**1**	**90.35**	**0.0037**	**ND**	**0.49**	**10.73**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.53	0.0123	ND	0.49	10.75
Arochlor 1221	1	84.53	0.0227	ND	0.49	10.75
Arochlor 1232	1	84.53	0.0154	ND	0.49	10.75
Arochlor 1242	1	84.53	0.0176	ND	0.49	10.75
Arochlor 1248	1	84.53	0.0070	ND	0.49	10.75
Arochlor 1254	1	84.53	0.0044	ND	0.49	10.75
Arochlor 1260	1	84.53	0.0040	ND	0.49	10.75

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.41
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/1/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.40**	**0.0127**	**ND**	**0.49**	**10.46**
Arochlor 1221	**1**	**84.40**	**0.0233**	**ND**	**0.49**	**10.46**
Arochlor 1232	**1**	**84.40**	**0.0159**	**ND**	**0.49**	**10.46**
Arochlor 1242	**1**	**84.40**	**0.0181**	**ND**	**0.49**	**10.46**
Arochlor 1248	**1**	**84.40**	**0.0072**	**ND**	**0.49**	**10.46**
Arochlor 1254	**1**	**84.40**	**0.0045**	**ND**	**0.49**	**10.46**
Arochlor 1260	**1**	**84.40**	**0.0041**	**ND**	**0.49**	**10.46**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**95.12**	**0.0111**	**ND**	**0.49**	**10.59**
Arochlor 1221	**1**	**95.12**	**0.0205**	**ND**	**0.49**	**10.59**
Arochlor 1232	**1**	**95.12**	**0.0139**	**ND**	**0.49**	**10.59**
Arochlor 1242	**1**	**95.12**	**0.0159**	**ND**	**0.49**	**10.59**
Arochlor 1248	**1**	**95.12**	**0.0064**	**ND**	**0.49**	**10.59**
Arochlor 1254	**1**	**95.12**	**0.0040**	**ND**	**0.49**	**10.59**
Arochlor 1260	**1**	**95.12**	**0.0036**	**ND**	**0.49**	**10.59**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.43
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**94.23**	**0.0119**	**ND**	**0.49**	**9.99**
Arochlor 1221	**1**	**94.23**	**0.0219**	**ND**	**0.49**	**9.99**
Arochlor 1232	**1**	**94.23**	**0.0149**	**ND**	**0.49**	**9.99**
Arochlor 1242	**1**	**94.23**	**0.0170**	**ND**	**0.49**	**9.99**
Arochlor 1248	**1**	**94.23**	**0.0068**	**ND**	**0.49**	**9.99**
Arochlor 1254	**1**	**94.23**	**0.0042**	**ND**	**0.49**	**9.99**
Arochlor 1260	**1**	**94.23**	**0.0038**	**ND**	**0.49**	**9.99**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.04**	**0.0125**	**ND**	**0.49**	**10.09**
Arochlor 1221	**1**	**89.04**	**0.0229**	**ND**	**0.49**	**10.09**
Arochlor 1232	**1**	**89.04**	**0.0156**	**ND**	**0.49**	**10.09**
Arochlor 1242	**1**	**89.04**	**0.0178**	**ND**	**0.49**	**10.09**
Arochlor 1248	**1**	**89.04**	**0.0071**	**ND**	**0.49**	**10.09**
Arochlor 1254	**1**	**89.04**	**0.0045**	**ND**	**0.49**	**10.09**
Arochlor 1260	**1**	**89.04**	**0.0040**	**ND**	**0.49**	**10.09**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.45
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.20	0.0112	ND	0.49	10.70
Arochlor 1221	1	93.20	0.0207	ND	0.49	10.70
Arochlor 1232	1	93.20	0.0140	ND	0.49	10.70
Arochlor 1242	1	93.20	0.0160	ND	0.49	10.70
Arochlor 1248	1	93.20	0.0064	ND	0.49	10.70
Arochlor 1254	1	93.20	0.0040	ND	0.49	10.70
Arochlor 1260	1	93.20	0.0036	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.29	0.0116	ND	0.49	10.28
Arochlor 1221	1	94.29	0.0213	ND	0.49	10.28
Arochlor 1232	1	94.29	0.0144	ND	0.49	10.28
Arochlor 1242	1	94.29	0.0165	ND	0.49	10.28
Arochlor 1248	1	94.29	0.0066	ND	0.49	10.28
Arochlor 1254	1	94.29	0.0041	ND	0.49	10.28
Arochlor 1260	1	94.29	0.0037	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.04	0.0139	ND	0.49	10.06
Arochlor 1221	1	80.04	0.0256	ND	0.49	10.06
Arochlor 1232	1	80.04	0.0174	ND	0.49	10.06
Arochlor 1242	1	80.04	0.0199	ND	0.49	10.06
Arochlor 1248	1	80.04	0.0079	ND	0.49	10.06
Arochlor 1254	1	80.04	0.0050	ND	0.49	10.06
Arochlor 1260	1	80.04	0.0045	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.75	0.0115	ND	0.49	10.47
Arochlor 1221	1	92.75	0.0212	ND	0.49	10.47
Arochlor 1232	1	92.75	0.0144	ND	0.49	10.47
Arochlor 1242	1	92.75	0.0165	ND	0.49	10.47
Arochlor 1248	1	92.75	0.0066	ND	0.49	10.47
Arochlor 1254	1	92.75	0.0041	ND	0.49	10.47
Arochlor 1260	1	92.75	0.0037	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.38	0.0111	ND	0.49	10.76
Arochlor 1221	1	93.38	0.0205	ND	0.49	10.76
Arochlor 1232	1	93.38	0.0139	ND	0.49	10.76
Arochlor 1242	1	93.38	0.0159	ND	0.49	10.76
Arochlor 1248	1	93.38	0.0064	ND	0.49	10.76
Arochlor 1254	1	93.38	0.0040	ND	0.49	10.76
Arochlor 1260	1	93.38	0.0036	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.58	0.0118	ND	0.49	10.57
Arochlor 1221	1	89.58	0.0218	ND	0.49	10.57
Arochlor 1232	1	89.58	0.0148	ND	0.49	10.57
Arochlor 1242	1	89.58	0.0169	ND	0.49	10.57
Arochlor 1248	1	89.58	0.0068	ND	0.49	10.57
Arochlor 1254	1	89.58	0.0042	ND	0.49	10.57
Arochlor 1260	1	89.58	0.0038	ND	0.49	10.57

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.45	0.0125	ND	0.49	10.70
Arochlor 1221	1	83.45	0.0231	ND	0.49	10.70
Arochlor 1232	1	83.45	0.0157	ND	0.49	10.70
Arochlor 1242	1	83.45	0.0179	ND	0.49	10.70
Arochlor 1248	1	83.45	0.0072	ND	0.49	10.70
Arochlor 1254	1	83.45	0.0045	ND	0.49	10.70
Arochlor 1260	1	83.45	0.0040	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.13	0.0124	ND	0.49	10.28
Arochlor 1221	1	88.13	0.0227	ND	0.49	10.28
Arochlor 1232	1	88.13	0.0155	ND	0.49	10.28
Arochlor 1242	1	88.13	0.0177	ND	0.49	10.28
Arochlor 1248	1	88.13	0.0071	ND	0.49	10.28
Arochlor 1254	1	88.13	0.0044	ND	0.49	10.28
Arochlor 1260	1	88.13	0.0040	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	6-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.80	0.0127	ND	0.49	10.37
Arochlor 1221	1	84.80	0.0234	ND	0.49	10.37
Arochlor 1232	1	84.80	0.0159	ND	0.49	10.37
Arochlor 1242	1	84.80	0.0182	ND	0.49	10.37
Arochlor 1248	1	84.80	0.0073	ND	0.49	10.37
Arochlor 1254	1	84.80	0.0045	ND	0.49	10.37
Arochlor 1260	1	84.80	0.0041	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	07 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.05	0.0128	0.108	0.49	10.77
Arochlor 1221	1	81.05	0.0236	ND	0.49	10.77
Arochlor 1232	1	81.05	0.0160	ND	0.49	10.77
Arochlor 1242	1	81.05	0.0183	ND	0.49	10.77
Arochlor 1248	1	81.05	0.0073	ND	0.49	10.77
Arochlor 1254	1	81.05	0.0046	ND	0.49	10.77
Arochlor 1260	1	81.05	0.0041	0.047	0.49	10.77

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**07**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.73	0.0114	0.152	0.49	10.49
Arochlor 1221	1	93.73	0.0210	ND	0.49	10.49
Arochlor 1232	1	93.73	0.0142	ND	0.49	10.49
Arochlor 1242	1	93.73	0.0163	ND	0.49	10.49
Arochlor 1248	1	93.73	0.0065	ND	0.49	10.49
Arochlor 1254	1	93.73	0.0041	ND	0.49	10.49
Arochlor 1260	1	93.73	0.0037	0.014	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**07**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.09	0.0119	ND	0.49	11.03
Arochlor 1221	1	85.09	0.0219	ND	0.49	11.03
Arochlor 1232	1	85.09	0.0149	ND	0.49	11.03
Arochlor 1242	1	85.09	0.0170	ND	0.49	11.03
Arochlor 1248	1	85.09	0.0068	ND	0.49	11.03
Arochlor 1254	1	85.09	0.0043	ND	0.49	11.03
Arochlor 1260	1	85.09	0.0038	0.208	0.49	11.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**07**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.91	0.0117	0.115	0.49	10.79
Arochlor 1221	1	88.91	0.0215	ND	0.49	10.79
Arochlor 1232	1	88.91	0.0146	ND	0.49	10.79
Arochlor 1242	1	88.91	0.0167	ND	0.49	10.79
Arochlor 1248	1	88.91	0.0067	ND	0.49	10.79
Arochlor 1254	1	88.91	0.0042	ND	0.49	10.79
Arochlor 1260	1	88.91	0.0038	0.038	0.49	10.79

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**07**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.76	0.0121	0.153	0.49	10.30
Arochlor 1221	1	89.76	0.0223	ND	0.49	10.30
Arochlor 1232	1	89.76	0.0151	ND	0.49	10.30
Arochlor 1242	1	89.76	0.0173	ND	0.49	10.30
Arochlor 1248	1	89.76	0.0069	ND	0.49	10.30
Arochlor 1254	1	89.76	0.0043	ND	0.49	10.30
Arochlor 1260	1	89.76	0.0039	0.042	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4285.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/19/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**07**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.99	0.0121	0.046	0.49	10.29
Arochlor 1221	1	89.99	0.0222	ND	0.49	10.29
Arochlor 1232	1	89.99	0.0151	ND	0.49	10.29
Arochlor 1242	1	89.99	0.0173	ND	0.49	10.29
Arochlor 1248	1	89.99	0.0069	ND	0.49	10.29
Arochlor 1254	1	89.99	0.0043	ND	0.49	10.29
Arochlor 1260	1	89.99	0.0039	0.031	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.85	0.0127	0.047	0.49	10.89
Arochlor 1221	1	80.85	0.0234	ND	0.49	10.89
Arochlor 1232	1	80.85	0.0159	ND	0.49	10.89
Arochlor 1242	1	80.85	0.0182	ND	0.49	10.89
Arochlor 1248	1	80.85	0.0073	ND	0.49	10.89
Arochlor 1254	1	80.85	0.0045	ND	0.49	10.89
Arochlor 1260	1	80.85	0.0041	0.048	0.49	10.89

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.14**	**0.0117**	**ND**	**0.49**	**10.85**
Arochlor 1221	**1**	**88.14**	**0.0215**	**ND**	**0.49**	**10.85**
Arochlor 1232	**1**	**88.14**	**0.0146**	**ND**	**0.49**	**10.85**
Arochlor 1242	**1**	**88.14**	**0.0167**	**ND**	**0.49**	**10.85**
Arochlor 1248	**1**	**88.14**	**0.0067**	**ND**	**0.49**	**10.85**
Arochlor 1254	**1**	**88.14**	**0.0042**	**ND**	**0.49**	**10.85**
Arochlor 1260	**1**	**88.14**	**0.0038**	**ND**	**0.49**	**10.85**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000317

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.88	0.0125	ND	0.49	10.70
Arochlor 1221	1	83.88	0.0230	ND	0.49	10.70
Arochlor 1232	1	83.88	0.0156	ND	0.49	10.70
Arochlor 1242	1	83.88	0.0178	ND	0.49	10.70
Arochlor 1248	1	83.88	0.0071	ND	0.49	10.70
Arochlor 1254	1	83.88	0.0045	ND	0.49	10.70
Arochlor 1260	1	83.88	0.0040	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.95	0.0121	ND	0.49	10.92
Arochlor 1221	1	84.95	0.0222	ND	0.49	10.92
Arochlor 1232	1	84.95	0.0151	ND	0.49	10.92
Arochlor 1242	1	84.95	0.0172	ND	0.49	10.92
Arochlor 1248	1	84.95	0.0069	ND	0.49	10.92
Arochlor 1254	1	84.95	0.0043	ND	0.49	10.92
Arochlor 1260	1	84.95	0.0039	ND	0.49	10.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**75.73**	**0.0148**	**ND**	**0.49**	**9.98**
Arochlor 1221	**1**	**75.73**	**0.0273**	**ND**	**0.49**	**9.98**
Arochlor 1232	**1**	**75.73**	**0.0185**	**ND**	**0.49**	**9.98**
Arochlor 1242	**1**	**75.73**	**0.0212**	**ND**	**0.49**	**9.98**
Arochlor 1248	**1**	**75.73**	**0.0085**	**ND**	**0.49**	**9.98**
Arochlor 1254	**1**	**75.73**	**0.0053**	**ND**	**0.49**	**9.98**
Arochlor 1260	**1**	**75.73**	**0.0048**	**ND**	**0.49**	**9.98**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**08**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.60	0.0192	ND	0.49	10.71
Arochlor 1221	1	54.60	0.0352	ND	0.49	10.71
Arochlor 1232	1	54.60	0.0239	ND	0.49	10.71
Arochlor 1242	1	54.60	0.0274	ND	0.49	10.71
Arochlor 1248	1	54.60	0.0109	ND	0.49	10.71
Arochlor 1254	1	54.60	0.0068	ND	0.49	10.71
Arochlor 1260	1	54.60	0.0062	0.296	0.49	10.71

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	09 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	76.36	0.0144	0.465	0.49	10.20
Arochlor 1221	1	76.36	0.0264	ND	0.49	10.20
Arochlor 1232	1	76.36	0.0180	ND	0.49	10.20
Arochlor 1242	1	76.36	0.0205	ND	0.49	10.20
Arochlor 1248	1	76.36	0.0082	ND	0.49	10.20
Arochlor 1254	1	76.36	0.0051	ND	0.49	10.20
Arochlor 1260	1	76.36	0.0046	0.231	0.49	10.20

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**09**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.61**	**0.0127**	**ND**	**0.49**	**10.46**
Arochlor 1221	**1**	**84.61**	**0.0233**	**ND**	**0.49**	**10.46**
Arochlor 1232	**1**	**84.61**	**0.0158**	**ND**	**0.49**	**10.46**
Arochlor 1242	**1**	**84.61**	**0.0181**	**ND**	**0.49**	**10.46**
Arochlor 1248	**1**	**84.61**	**0.0072**	**ND**	**0.49**	**10.46**
Arochlor 1254	**1**	**84.61**	**0.0045**	**ND**	**0.49**	**10.46**
Arochlor 1260	**1**	**84.61**	**0.0041**	**ND**	**0.49**	**10.46**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**09**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.24**	**0.0128**	**ND**	**0.49**	**10.37**
Arochlor 1221	**1**	**84.24**	**0.0236**	**ND**	**0.49**	**10.37**
Arochlor 1232	**1**	**84.24**	**0.0160**	**ND**	**0.49**	**10.37**
Arochlor 1242	**1**	**84.24**	**0.0183**	**ND**	**0.49**	**10.37**
Arochlor 1248	**1**	**84.24**	**0.0073**	**ND**	**0.49**	**10.37**
Arochlor 1254	**1**	**84.24**	**0.0046**	**ND**	**0.49**	**10.37**
Arochlor 1260	**1**	**84.24**	**0.0041**	**ND**	**0.49**	**10.37**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**09**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.38	0.0113	ND	0.49	10.76
Arochlor 1221	1	92.38	0.0207	ND	0.49	10.76
Arochlor 1232	1	92.38	0.0141	ND	0.49	10.76
Arochlor 1242	1	92.38	0.0161	ND	0.49	10.76
Arochlor 1248	1	92.38	0.0064	ND	0.49	10.76
Arochlor 1254	1	92.38	0.0040	ND	0.49	10.76
Arochlor 1260	1	92.38	0.0036	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**09**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.33	0.0119	ND	0.49	10.45
Arochlor 1221	1	90.33	0.0218	ND	0.49	10.45
Arochlor 1232	1	90.33	0.0148	ND	0.49	10.45
Arochlor 1242	1	90.33	0.0170	ND	0.49	10.45
Arochlor 1248	1	90.33	0.0068	ND	0.49	10.45
Arochlor 1254	1	90.33	0.0042	ND	0.49	10.45
Arochlor 1260	1	90.33	0.0038	ND	0.49	10.45

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**09**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	70.02	0.0161	ND	0.49	9.95
Arochlor 1221	1	70.02	0.0296	ND	0.49	9.95
Arochlor 1232	1	70.02	0.0201	ND	0.49	9.95
Arochlor 1242	1	70.02	0.0230	ND	0.49	9.95
Arochlor 1248	1	70.02	0.0092	ND	0.49	9.95
Arochlor 1254	1	70.02	0.0057	ND	0.49	9.95
Arochlor 1260	1	70.02	0.0052	ND	0.49	9.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**93.45**	**0.0116**	**ND**	**0.49**	**10.30**
Arochlor 1221	**1**	**93.45**	**0.0214**	**ND**	**0.49**	**10.30**
Arochlor 1232	**1**	**93.45**	**0.0145**	**ND**	**0.49**	**10.30**
Arochlor 1242	**1**	**93.45**	**0.0166**	**ND**	**0.49**	**10.30**
Arochlor 1248	**1**	**93.45**	**0.0066**	**ND**	**0.49**	**10.30**
Arochlor 1254	**1**	**93.45**	**0.0042**	**ND**	**0.49**	**10.30**
Arochlor 1260	**1**	**93.45**	**0.0037**	**0.262**	**0.49**	**10.30**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000328

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.47
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**94.75**	**0.0118**	**ND**	**0.49**	**10.02**
Arochlor 1221	**1**	**94.75**	**0.0217**	**ND**	**0.49**	**10.02**
Arochlor 1232	**1**	**94.75**	**0.0147**	**ND**	**0.49**	**10.02**
Arochlor 1242	**1**	**94.75**	**0.0169**	**ND**	**0.49**	**10.02**
Arochlor 1248	**1**	**94.75**	**0.0067**	**ND**	**0.49**	**10.02**
Arochlor 1254	**1**	**94.75**	**0.0042**	**ND**	**0.49**	**10.02**
Arochlor 1260	**1**	**94.75**	**0.0038**	**0.241**	**0.49**	**10.02**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.74	0.0115	ND	0.49	10.37
Arochlor 1221	1	93.74	0.0212	ND	0.49	10.37
Arochlor 1232	1	93.74	0.0144	ND	0.49	10.37
Arochlor 1242	1	93.74	0.0165	ND	0.49	10.37
Arochlor 1248	1	93.74	0.0066	ND	0.49	10.37
Arochlor 1254	1	93.74	0.0041	ND	0.49	10.37
Arochlor 1260	1	93.74	0.0037	0.087	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.49
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	76.01	0.0135	ND	0.49	10.90
Arochlor 1221	1	76.01	0.0249	ND	0.49	10.90
Arochlor 1232	1	76.01	0.0169	ND	0.49	10.90
Arochlor 1242	1	76.01	0.0193	ND	0.49	10.90
Arochlor 1248	1	76.01	0.0077	ND	0.49	10.90
Arochlor 1254	1	76.01	0.0048	ND	0.49	10.90
Arochlor 1260	1	76.01	0.0043	ND	0.49	10.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.50	0.0118	ND	0.49	10.30
Arochlor 1221	1	92.50	0.0216	ND	0.49	10.30
Arochlor 1232	1	92.50	0.0147	ND	0.49	10.30
Arochlor 1242	1	92.50	0.0168	ND	0.49	10.30
Arochlor 1248	1	92.50	0.0067	ND	0.49	10.30
Arochlor 1254	1	92.50	0.0042	ND	0.49	10.30
Arochlor 1260	1	92.50	0.0038	ND	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	4890.51
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.97	0.0122	ND	0.49	10.00
Arochlor 1221	1	91.97	0.0224	ND	0.49	10.00
Arochlor 1232	1	91.97	0.0152	ND	0.49	10.00
Arochlor 1242	1	91.97	0.0174	ND	0.49	10.00
Arochlor 1248	1	91.97	0.0070	ND	0.49	10.00
Arochlor 1254	1	91.97	0.0043	ND	0.49	10.00
Arochlor 1260	1	91.97	0.0039	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	4890.52
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.91	0.0117	ND	0.49	10.80
Arochlor 1221	1	88.91	0.0215	ND	0.49	10.80
Arochlor 1232	1	88.91	0.0146	ND	0.49	10.80
Arochlor 1242	1	88.91	0.0167	ND	0.49	10.80
Arochlor 1248	1	88.91	0.0067	ND	0.49	10.80
Arochlor 1254	1	88.91	0.0042	ND	0.49	10.80
Arochlor 1260	1	88.91	0.0037	ND	0.49	10.80

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	4890.53
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.99	0.0134	ND	0.49	10.43
Arochlor 1221	1	79.99	0.0247	ND	0.49	10.43
Arochlor 1232	1	79.99	0.0168	ND	0.49	10.43
Arochlor 1242	1	79.99	0.0192	ND	0.49	10.43
Arochlor 1248	1	79.99	0.0077	ND	0.49	10.43
Arochlor 1254	1	79.99	0.0048	ND	0.49	10.43
Arochlor 1260	1	79.99	0.0043	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Client :	U.S. Army	**Lab. ID # :**	4890.54
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	11/1/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**63.40**	**0.0166**	**ND**	**0.49**	**10.66**
Arochlor 1221	**1**	**63.40**	**0.0305**	**ND**	**0.49**	**10.66**
Arochlor 1232	**1**	**63.40**	**0.0207**	**ND**	**0.49**	**10.66**
Arochlor 1242	**1**	**63.40**	**0.0237**	**ND**	**0.49**	**10.66**
Arochlor 1248	**1**	**63.40**	**0.0095**	**ND**	**0.49**	**10.66**
Arochlor 1254	**1**	**63.40**	**0.0059**	**ND**	**0.49**	**10.66**
Arochlor 1260	**1**	**63.40**	**0.0053**	**ND**	**0.49**	**10.66**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.67	0.0121	ND	0.49	10.32
Arochlor 1221	1	89.67	0.0223	ND	0.49	10.32
Arochlor 1232	1	89.67	0.0151	ND	0.49	10.32
Arochlor 1242	1	89.67	0.0173	ND	0.49	10.32
Arochlor 1248	1	89.67	0.0069	ND	0.49	10.32
Arochlor 1254	1	89.67	0.0043	ND	0.49	10.32
Arochlor 1260	1	89.67	0.0039	ND	0.49	10.32

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.02	0.0126	ND	0.49	10.12
Arochlor 1221	1	88.02	0.0231	ND	0.49	10.12
Arochlor 1232	1	88.02	0.0157	ND	0.49	10.12
Arochlor 1242	1	88.02	0.0180	ND	0.49	10.12
Arochlor 1248	1	88.02	0.0072	ND	0.49	10.12
Arochlor 1254	1	88.02	0.0045	ND	0.49	10.12
Arochlor 1260	1	88.02	0.0040	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.53	0.0112	ND	0.49	10.67
Arochlor 1221	1	93.53	0.0206	ND	0.49	10.67
Arochlor 1232	1	93.53	0.0140	ND	0.49	10.67
Arochlor 1242	1	93.53	0.0160	ND	0.49	10.67
Arochlor 1248	1	93.53	0.0064	ND	0.49	10.67
Arochlor 1254	1	93.53	0.0040	ND	0.49	10.67
Arochlor 1260	1	93.53	0.0036	ND	0.49	10.67

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.76	0.0118	ND	0.49	10.24
Arochlor 1221	1	92.76	0.0217	ND	0.49	10.24
Arochlor 1232	1	92.76	0.0147	ND	0.49	10.24
Arochlor 1242	1	92.76	0.0168	ND	0.49	10.24
Arochlor 1248	1	92.76	0.0067	ND	0.49	10.24
Arochlor 1254	1	92.76	0.0042	ND	0.49	10.24
Arochlor 1260	1	92.76	0.0038	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.21	0.0116	ND	0.49	10.48
Arochlor 1221	1	92.21	0.0213	ND	0.49	10.48
Arochlor 1232	1	92.21	0.0145	ND	0.49	10.48
Arochlor 1242	1	92.21	0.0166	ND	0.49	10.48
Arochlor 1248	1	92.21	0.0066	ND	0.49	10.48
Arochlor 1254	1	92.21	0.0041	ND	0.49	10.48
Arochlor 1260	1	92.21	0.0037	ND	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.16	0.0113	ND	0.49	10.62
Arochlor 1221	1	93.16	0.0208	ND	0.49	10.62
Arochlor 1232	1	93.16	0.0142	ND	0.49	10.62
Arochlor 1242	1	93.16	0.0162	ND	0.49	10.62
Arochlor 1248	1	93.16	0.0065	ND	0.49	10.62
Arochlor 1254	1	93.16	0.0040	ND	0.49	10.62
Arochlor 1260	1	93.16	0.0036	ND	0.49	10.62

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.14	0.0125	ND	0.49	9.97
Arochlor 1221	1	90.14	0.0229	ND	0.49	9.97
Arochlor 1232	1	90.14	0.0156	ND	0.49	9.97
Arochlor 1242	1	90.14	0.0178	ND	0.49	9.97
Arochlor 1248	1	90.14	0.0071	ND	0.49	9.97
Arochlor 1254	1	90.14	0.0045	ND	0.49	9.97
Arochlor 1260	1	90.14	0.0040	ND	0.49	9.97

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	9-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.35	0.0120	ND	0.49	10.01
Arochlor 1221	1	93.35	0.0220	ND	0.49	10.01
Arochlor 1232	1	93.35	0.0150	ND	0.49	10.01
Arochlor 1242	1	93.35	0.0171	ND	0.49	10.01
Arochlor 1248	1	93.35	0.0068	ND	0.49	10.01
Arochlor 1254	1	93.35	0.0043	ND	0.49	10.01
Arochlor 1260	1	93.35	0.0039	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10 0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.35	0.0136	ND	0.49	10.28
Arochlor 1221	1	80.35	0.0249	ND	0.49	10.28
Arochlor 1232	1	80.35	0.0169	ND	0.49	10.28
Arochlor 1242	1	80.35	0.0194	ND	0.49	10.28
Arochlor 1248	1	80.35	0.0077	ND	0.49	10.28
Arochlor 1254	1	80.35	0.0048	ND	0.49	10.28
Arochlor 1260	1	80.35	0.0044	0.054	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.62**	**0.0121**	**0.379**	**0.49**	**10.55**
Arochlor 1221	**1**	**87.62**	**0.0223**	**ND**	**0.49**	**10.55**
Arochlor 1232	**1**	**87.62**	**0.0151**	**ND**	**0.49**	**10.55**
Arochlor 1242	**1**	**87.62**	**0.0173**	**ND**	**0.49**	**10.55**
Arochlor 1248	**1**	**87.62**	**0.0069**	**ND**	**0.49**	**10.55**
Arochlor 1254	**1**	**87.62**	**0.0043**	**ND**	**0.49**	**10.55**
Arochlor 1260	**1**	**87.62**	**0.0039**	**0.037**	**0.49**	**10.55**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.94	0.0123	1.042	0.49	10.96
Arochlor 1221	1	82.94	0.0227	ND	0.49	10.96
Arochlor 1232	1	82.94	0.0154	ND	0.49	10.96
Arochlor 1242	1	82.94	0.0176	ND	0.49	10.96
Arochlor 1248	1	82.94	0.0070	ND	0.49	10.96
Arochlor 1254	1	82.94	0.0044	ND	0.49	10.96
Arochlor 1260	1	82.94	0.0040	0.059	0.49	10.96

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/2/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.59	0.0119	0.704	0.49	10.89
Arochlor 1221	1	86.59	0.0218	ND	0.49	10.89
Arochlor 1232	1	86.59	0.0148	ND	0.49	10.89
Arochlor 1242	1	86.59	0.0170	ND	0.49	10.89
Arochlor 1248	1	86.59	0.0068	ND	0.49	10.89
Arochlor 1254	1	86.59	0.0042	ND	0.49	10.89
Arochlor 1260	1	86.59	0.0038	0.065	0.49	10.89

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.75	0.0121	0.159	0.49	10.92
Arochlor 1221	1	84.75	0.0223	ND	0.49	10.92
Arochlor 1232	1	84.75	0.0151	ND	0.49	10.92
Arochlor 1242	1	84.75	0.0173	ND	0.49	10.92
Arochlor 1248	1	84.75	0.0069	ND	0.49	10.92
Arochlor 1254	1	84.75	0.0043	ND	0.49	10.92
Arochlor 1260	1	84.75	0.0039	0.086	0.49	10.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army,	**Lab. ID # :**	4290.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**10**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**10**	**48.43**	**0.2207**	**6.392**	**0.49**	**10.48**
Arochlor 1221	**10**	**48.43**	**0.4059**	**ND**	**0.49**	**10.48**
Arochlor 1232	**10**	**48.43**	**0.2758**	**ND**	**0.49**	**10.48**
Arochlor 1242	**10**	**48.43**	**0.3152**	**ND**	**0.49**	**10.48**
Arochlor 1248	**10**	**48.43**	**0.1261**	**ND**	**0.49**	**10.48**
Arochlor 1254	**10**	**48.43**	**0.0788**	**ND**	**0.49**	**10.48**
Arochlor 1260	**10**	**48.43**	**0.0709**	**8.381**	**0.49**	**10.48**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.41
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	95.76	0.0117	ND	0.49	10.00
Arochlor 1221	1	95.76	0.0215	ND	0.49	10.00
Arochlor 1232	1	95.76	0.0146	ND	0.49	10.00
Arochlor 1242	1	95.76	0.0167	ND	0.49	10.00
Arochlor 1248	1	95.76	0.0067	ND	0.49	10.00
Arochlor 1254	1	95.76	0.0042	ND	0.49	10.00
Arochlor 1260	1	95.76	0.0038	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	96.39	0.0107	ND	0.49	10.91
Arochlor 1221	1	96.39	0.0196	ND	0.49	10.91
Arochlor 1232	1	96.39	0.0133	ND	0.49	10.91
Arochlor 1242	1	96.39	0.0152	ND	0.49	10.91
Arochlor 1248	1	96.39	0.0061	ND	0.49	10.91
Arochlor 1254	1	96.39	0.0038	ND	0.49	10.91
Arochlor 1260	1	96.39	0.0034	ND	0.49	10.91

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.43
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.06	0.0120	ND	0.49	10.16
Arochlor 1221	1	92.06	0.0220	ND	0.49	10.16
Arochlor 1232	1	92.06	0.0150	ND	0.49	10.16
Arochlor 1242	1	92.06	0.0171	ND	0.49	10.16
Arochlor 1248	1	92.06	0.0068	ND	0.49	10.16
Arochlor 1254	1	92.06	0.0043	ND	0.49	10.16
Arochlor 1260	1	92.06	0.0038	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**95.42**	**0.0113**	**ND**	**0.49**	**10.35**
Arochlor 1221	**1**	**95.42**	**0.0209**	**ND**	**0.49**	**10.35**
Arochlor 1232	**1**	**95.42**	**0.0142**	**ND**	**0.49**	**10.35**
Arochlor 1242	**1**	**95.42**	**0.0162**	**ND**	**0.49**	**10.35**
Arochlor 1248	**1**	**95.42**	**0.0065**	**ND**	**0.49**	**10.35**
Arochlor 1254	**1**	**95.42**	**0.0041**	**ND**	**0.49**	**10.35**
Arochlor 1260	**1**	**95.42**	**0.0036**	**ND**	**0.49**	**10.35**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.38	0.0114	ND	0.49	10.76
Arochlor 1221	1	91.38	0.0210	ND	0.49	10.76
Arochlor 1232	1	91.38	0.0142	ND	0.49	10.76
Arochlor 1242	1	91.38	0.0163	ND	0.49	10.76
Arochlor 1248	1	91.38	0.0065	ND	0.49	10.76
Arochlor 1254	1	91.38	0.0041	ND	0.49	10.76
Arochlor 1260	1	91.38	0.0037	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.95	0.0118	ND	0.49	10.25
Arochlor 1221	1	92.95	0.0216	ND	0.49	10.25
Arochlor 1232	1	92.95	0.0147	ND	0.49	10.25
Arochlor 1242	1	92.95	0.0168	ND	0.49	10.25
Arochlor 1248	1	92.95	0.0067	ND	0.49	10.25
Arochlor 1254	1	92.95	0.0042	ND	0.49	10.25
Arochlor 1260	1	92.95	0.0038	ND	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.01	0.0118	ND	0.49	10.95
Arochlor 1221	1	87.01	0.0216	ND	0.49	10.95
Arochlor 1232	1	87.01	0.0147	ND	0.49	10.95
Arochlor 1242	1	87.01	0.0168	ND	0.49	10.95
Arochlor 1248	1	87.01	0.0067	ND	0.49	10.95
Arochlor 1254	1	87.01	0.0042	ND	0.49	10.95
Arochlor 1260	1	87.01	0.0038	0.497	0.49	10.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.22	0.0121	ND	0.49	10.25
Arochlor 1221	1	90.22	0.0223	ND	0.49	10.25
Arochlor 1232	1	90.22	0.0151	ND	0.49	10.25
Arochlor 1242	1	90.22	0.0173	ND	0.49	10.25
Arochlor 1248	1	90.22	0.0069	ND	0.49	10.25
Arochlor 1254	1	90.22	0.0043	ND	0.49	10.25
Arochlor 1260	1	90.22	0.0039	ND	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.35**	**0.0122**	**ND**	**0.49**	**10.03**
Arochlor 1221	**1**	**91.35**	**0.0225**	**ND**	**0.49**	**10.03**
Arochlor 1232	**1**	**91.35**	**0.0153**	**ND**	**0.49**	**10.03**
Arochlor 1242	**1**	**91.35**	**0.0175**	**ND**	**0.49**	**10.03**
Arochlor 1248	**1**	**91.35**	**0.0070**	**ND**	**0.49**	**10.03**
Arochlor 1254	**1**	**91.35**	**0.0044**	**ND**	**0.49**	**10.03**
Arochlor 1260	**1**	**91.35**	**0.0039**	**ND**	**0.49**	**10.03**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.64	0.0124	ND	0.49	10.69
Arochlor 1221	1	84.64	0.0228	ND	0.49	10.69
Arochlor 1232	1	84.64	0.0155	ND	0.49	10.69
Arochlor 1242	1	84.64	0.0177	ND	0.49	10.69
Arochlor 1248	1	84.64	0.0071	ND	0.49	10.69
Arochlor 1254	1	84.64	0.0044	ND	0.49	10.69
Arochlor 1260	1	84.64	0.0040	ND	0.49	10.69

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.69	0.0120	ND	0.49	10.43
Arochlor 1221	1	89.69	0.0220	ND	0.49	10.43
Arochlor 1232	1	89.69	0.0150	ND	0.49	10.43
Arochlor 1242	1	89.69	0.0171	ND	0.49	10.43
Arochlor 1248	1	89.69	0.0068	ND	0.49	10.43
Arochlor 1254	1	89.69	0.0043	ND	0.49	10.43
Arochlor 1260	1	89.69	0.0038	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.78	0.0115	ND	0.49	10.41
Arochlor 1221	1	93.78	0.0211	ND	0.49	10.41
Arochlor 1232	1	93.78	0.0143	ND	0.49	10.41
Arochlor 1242	1	93.78	0.0164	ND	0.49	10.41
Arochlor 1248	1	93.78	0.0066	ND	0.49	10.41
Arochlor 1254	1	93.78	0.0041	ND	0.49	10.41
Arochlor 1260	1	93.78	0.0037	ND	0.49	10.41

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.52	0.0122	ND	0.49	10.02
Arochlor 1221	1	91.52	0.0225	ND	0.49	10.02
Arochlor 1232	1	91.52	0.0153	ND	0.49	10.02
Arochlor 1242	1	91.52	0.0174	ND	0.49	10.02
Arochlor 1248	1	91.52	0.0070	ND	0.49	10.02
Arochlor 1254	1	91.52	0.0044	ND	0.49	10.02
Arochlor 1260	1	91.52	0.0039	ND	0.49	10.02

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.42	0.0131	ND	0.49	10.13
Arochlor 1221	1	84.42	0.0241	ND	0.49	10.13
Arochlor 1232	1	84.42	0.0164	ND	0.49	10.13
Arochlor 1242	1	84.42	0.0187	0.314	0.49	10.13
Arochlor 1248	1	84.42	0.0075	ND	0.49	10.13
Arochlor 1254	1	84.42	0.0047	ND	0.49	10.13
Arochlor 1260	1	84.42	0.0042	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.69	0.0117	ND	0.49	10.26
Arochlor 1221	1	93.69	0.0214	ND	0.49	10.26
Arochlor 1232	1	93.69	0.0146	ND	0.49	10.26
Arochlor 1242	1	93.69	0.0166	ND	0.49	10.26
Arochlor 1248	1	93.69	0.0067	ND	0.49	10.26
Arochlor 1254	1	93.69	0.0042	ND	0.49	10.26
Arochlor 1260	1	93.69	0.0037	ND	0.49	10.26

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/14/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.83	0.0127	ND	0.49	10.15
Arochlor 1221	1	86.83	0.0234	ND	0.49	10.15
Arochlor 1232	1	86.83	0.0159	ND	0.49	10.15
Arochlor 1242	1	86.83	0.0182	1.192	0.49	10.15
Arochlor 1248	1	86.83	0.0073	ND	0.49	10.15
Arochlor 1254	1	86.83	0.0045	ND	0.49	10.15
Arochlor 1260	1	86.83	0.0041	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.84	0.0131	ND	0.49	10.34
Arochlor 1221	1	82.84	0.0240	ND	0.49	10.34
Arochlor 1232	1	82.84	0.0163	ND	0.49	10.34
Arochlor 1242	1	82.84	0.0187	ND	0.49	10.34
Arochlor 1248	1	82.84	0.0075	ND	0.49	10.34
Arochlor 1254	1	82.84	0.0047	ND	0.49	10.34
Arochlor 1260	1	82.84	0.0042	ND	0.49	10.34

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5148.23 2/7/00 2/9/00 2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.73	0.0121	ND	0.49	10.45
Arochlor 1221	1	88.73	0.0222	ND	0.49	10.45
Arochlor 1232	1	88.73	0.0151	ND	0.49	10.45
Arochlor 1242	1	88.73	0.0173	ND	0.49	10.45
Arochlor 1248	1	88.73	0.0069	ND	0.49	10.45
Arochlor 1254	1	88.73	0.0043	ND	0.49	10.45
Arochlor 1260	1	88.73	0.0039	ND	0.49	10.45

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.82	0.0126	ND	0.49	10.24
Arochlor 1221	1	86.82	0.0232	ND	0.49	10.24
Arochlor 1232	1	86.82	0.0157	ND	0.49	10.24
Arochlor 1242	1	86.82	0.0180	ND	0.49	10.24
Arochlor 1248	1	86.82	0.0072	ND	0.49	10.24
Arochlor 1254	1	86.82	0.0045	ND	0.49	10.24
Arochlor 1260	1	86.82	0.0040	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.36	0.0128	ND	0.49	10.36
Arochlor 1221	1	84.36	0.0236	ND	0.49	10.36
Arochlor 1232	1	84.36	0.0160	ND	0.49	10.36
Arochlor 1242	1	84.36	0.0183	ND	0.49	10.36
Arochlor 1248	1	84.36	0.0073	ND	0.49	10.36
Arochlor 1254	1	84.36	0.0046	ND	0.49	10.36
Arochlor 1260	1	84.36	0.0041	ND	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.35	0.0134	ND	0.49	10.01
Arochlor 1221	1	83.35	0.0247	ND	0.49	10.01
Arochlor 1232	1	83.35	0.0168	ND	0.49	10.01
Arochlor 1242	1	83.35	0.0192	ND	0.49	10.01
Arochlor 1248	1	83.35	0.0077	ND	0.49	10.01
Arochlor 1254	1	83.35	0.0048	ND	0.49	10.01
Arochlor 1260	1	83.35	0.0043	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5148.27 2/7/00 2/9/00 2/16/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 10B 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	73.50	0.0150	ND	0.49	10.14
Arochlor 1221	1	73.50	0.0276	ND	0.49	10.14
Arochlor 1232	1	73.50	0.0188	ND	0.49	10.14
Arochlor 1242	1	73.50	0.0215	ND	0.49	10.14
Arochlor 1248	1	73.50	0.0086	ND	0.49	10.14
Arochlor 1254	1	73.50	0.0054	ND	0.49	10.14
Arochlor 1260	1	73.50	0.0048	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5148.28 2/7/00 2/9/00 2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10B 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	58.03	0.0189	ND	0.49	10.22
Arochlor 1221	1	58.03	0.0347	ND	0.49	10.22
Arochlor 1232	1	58.03	0.0236	ND	0.49	10.22
Arochlor 1242	1	58.03	0.0270	ND	0.49	10.22
Arochlor 1248	1	58.03	0.0108	ND	0.49	10.22
Arochlor 1254	1	58.03	0.0067	ND	0.49	10.22
Arochlor 1260	1	58.03	0.0061	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.64	0.0127	ND	0.49	10.10
Arochlor 1221	1	87.64	0.0233	ND	0.49	10.10
Arochlor 1232	1	87.64	0.0158	ND	0.49	10.10
Arochlor 1242	1	87.64	0.0181	0.983	0.49	10.10
Arochlor 1248	1	87.64	0.0072	ND	0.49	10.10
Arochlor 1254	1	87.64	0.0045	ND	0.49	10.10
Arochlor 1260	1	87.64	0.0041	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.08	0.0125	ND	0.49	10.17
Arochlor 1221	1	88.08	0.0230	ND	0.49	10.17
Arochlor 1232	1	88.08	0.0156	ND	0.49	10.17
Arochlor 1242	1	88.08	0.0179	ND	0.49	10.17
Arochlor 1248	1	88.08	0.0071	ND	0.49	10.17
Arochlor 1254	1	88.08	0.0045	ND	0.49	10.17
Arochlor 1260	1	88.08	0.0040	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.35	0.0118	ND	0.49	10.17
Arochlor 1221	1	93.35	0.0217	ND	0.49	10.17
Arochlor 1232	1	93.35	0.0147	ND	0.49	10.17
Arochlor 1242	1	93.35	0.0169	ND	0.49	10.17
Arochlor 1248	1	93.35	0.0067	ND	0.49	10.17
Arochlor 1254	1	93.35	0.0042	ND	0.49	10.17
Arochlor 1260	1	93.35	0.0038	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.09	0.0119	ND	0.49	10.22
Arochlor 1221	1	92.09	0.0219	ND	0.49	10.22
Arochlor 1232	1	92.09	0.0149	ND	0.49	10.22
Arochlor 1242	1	92.09	0.0170	ND	0.49	10.22
Arochlor 1248	1	92.09	0.0068	ND	0.49	10.22
Arochlor 1254	1	92.09	0.0043	ND	0.49	10.22
Arochlor 1260	1	92.09	0.0038	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.33
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.91	0.0118	ND	0.49	10.31
Arochlor 1221	1	91.91	0.0217	ND	0.49	10.31
Arochlor 1232	1	91.91	0.0148	ND	0.49	10.31
Arochlor 1242	1	91.91	0.0169	ND	0.49	10.31
Arochlor 1248	1	91.91	0.0068	ND	0.49	10.31
Arochlor 1254	1	91.91	0.0042	ND	0.49	10.31
Arochlor 1260	1	91.91	0.0038	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.50	0.0131	ND	0.49	10.12
Arochlor 1221	1	84.50	0.0241	ND	0.49	10.12
Arochlor 1232	1	84.50	0.0164	ND	0.49	10.12
Arochlor 1242	1	84.50	0.0187	ND	0.49	10.12
Arochlor 1248	1	84.50	0.0075	ND	0.49	10.12
Arochlor 1254	1	84.50	0.0047	ND	0.49	10.12
Arochlor 1260	1	84.50	0.0042	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.35
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	42.22	0.0254	ND	0.49	10.43
Arochlor 1221	1	42.22	0.0468	ND	0.49	10.43
Arochlor 1232	1	42.22	0.0318	ND	0.49	10.43
Arochlor 1242	100	42.22	3.6334	33.606	0.49	10.43
Arochlor 1248	1	42.22	0.0145	ND	0.49	10.43
Arochlor 1254	1	42.22	0.0091	ND	0.49	10.43
Arochlor 1260	1	42.22	0.0082	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000380

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**57.55**	**0.0192**	**ND**	**0.49**	**10.13**
Arochlor 1221	**1**	**57.55**	**0.0353**	**ND**	**0.49**	**10.13**
Arochlor 1232	**1**	**57.55**	**0.0240**	**ND**	**0.49**	**10.13**
Arochlor 1242	**1**	**57.55**	**0.0274**	**ND**	**0.49**	**10.13**
Arochlor 1248	**1**	**57.55**	**0.0110**	**ND**	**0.49**	**10.13**
Arochlor 1254	**1**	**57.55**	**0.0069**	**ND**	**0.49**	**10.13**
Arochlor 1260	**1**	**57.55**	**0.0062**	**ND**	**0.49**	**10.13**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.37
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	69.83	0.0157	ND	0.49	10.23
Arochlor 1221	1	69.83	0.0288	ND	0.49	10.23
Arochlor 1232	1	69.83	0.0196	ND	0.49	10.23
Arochlor 1242	1	69.83	0.0224	ND	0.49	10.23
Arochlor 1248	1	69.83	0.0090	ND	0.49	10.23
Arochlor 1254	1	69.83	0.0056	ND	0.49	10.23
Arochlor 1260	1	69.83	0.0050	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10C 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	64.66	0.0168	ND	0.49	10.34
Arochlor 1221	1	64.66	0.0308	ND	0.49	10.34
Arochlor 1232	1	64.66	0.0209	ND	0.49	10.34
Arochlor 1242	1	64.66	0.0239	ND	0.49	10.34
Arochlor 1248	1	64.66	0.0096	ND	0.49	10.34
Arochlor 1254	1	64.66	0.0060	ND	0.49	10.34
Arochlor 1260	1	64.66	0.0054	ND	0.49	10.34

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.44	0.0131	ND	0.49	10.23
Arochlor 1221	1	83.44	0.0241	ND	0.49	10.23
Arochlor 1232	1	83.44	0.0164	ND	0.49	10.23
Arochlor 1242	1	83.44	0.0187	ND	0.49	10.23
Arochlor 1248	1	83.44	0.0075	ND	0.49	10.23
Arochlor 1254	1	83.44	0.0047	ND	0.49	10.23
Arochlor 1260	1	83.44	0.0042	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.05	0.0122	ND	0.49	10.71
Arochlor 1221	1	86.05	0.0224	ND	0.49	10.71
Arochlor 1232	1	86.05	0.0152	ND	0.49	10.71
Arochlor 1242	1	86.05	0.0174	ND	0.49	10.71
Arochlor 1248	1	86.05	0.0069	ND	0.49	10.71
Arochlor 1254	1	86.05	0.0043	ND	0.49	10.71
Arochlor 1260	1	86.05	0.0039	ND	0.49	10.71

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.72	0.0121	ND	0.49	10.69
Arochlor 1221	1	86.72	0.0222	ND	0.49	10.69
Arochlor 1232	1	86.72	0.0151	ND	0.49	10.69
Arochlor 1242	1	86.72	0.0173	ND	0.49	10.69
Arochlor 1248	1	86.72	0.0069	ND	0.49	10.69
Arochlor 1254	1	86.72	0.0043	ND	0.49	10.69
Arochlor 1260	1	86.72	0.0039	ND	0.49	10.69

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	66.42	0.0165	ND	0.49	10.21
Arochlor 1221	1	66.42	0.0304	ND	0.49	10.21
Arochlor 1232	1	66.42	0.0206	ND	0.49	10.21
Arochlor 1242	1	66.42	0.0236	ND	0.49	10.21
Arochlor 1248	1	66.42	0.0094	ND	0.49	10.21
Arochlor 1254	1	66.42	0.0059	ND	0.49	10.21
Arochlor 1260	1	66.42	0.0053	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.30	0.0121	ND	0.49	10.33
Arochlor 1221	1	89.30	0.0223	ND	0.49	10.33
Arochlor 1232	1	89.30	0.0152	ND	0.49	10.33
Arochlor 1242	1	89.30	0.0173	ND	0.49	10.33
Arochlor 1248	1	89.30	0.0069	ND	0.49	10.33
Arochlor 1254	1	89.30	0.0043	ND	0.49	10.33
Arochlor 1260	1	89.30	0.0039	ND	0.49	10.33

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.43	0.0125	ND	0.49	10.05
Arochlor 1221	1	89.43	0.0229	ND	0.49	10.05
Arochlor 1232	1	89.43	0.0156	ND	0.49	10.05
Arochlor 1242	1	89.43	0.0178	ND	0.49	10.05
Arochlor 1248	1	89.43	0.0071	ND	0.49	10.05
Arochlor 1254	1	89.43	0.0045	ND	0.49	10.05
Arochlor 1260	1	89.43	0.0040	ND	0.49	10.05

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.92	0.0116	ND	0.49	10.78
Arochlor 1221	1	89.92	0.0213	ND	0.49	10.78
Arochlor 1232	1	89.92	0.0144	ND	0.49	10.78
Arochlor 1242	1	89.92	0.0165	ND	0.49	10.78
Arochlor 1248	1	89.92	0.0066	ND	0.49	10.78
Arochlor 1254	1	89.92	0.0041	ND	0.49	10.78
Arochlor 1260	1	89.92	0.0037	ND	0.49	10.78

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.75	0.0189	ND	0.49	10.85
Arochlor 1221	1	54.75	0.0347	ND	0.49	10.85
Arochlor 1232	1	54.75	0.0236	ND	0.49	10.85
Arochlor 1242	10	54.75	0.2693	2.145	0.49	10.85
Arochlor 1248	1	54.75	0.0108	ND	0.49	10.85
Arochlor 1254	1	54.75	0.0067	ND	0.49	10.85
Arochlor 1260	1	54.75	0.0061	ND	0.49	10.85

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5207.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/29/00
	Bldg. 173	**Extraction Date:**	3/1/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	63.58	0.0166	ND	0.49	10.63
Arochlor 1221	1	63.58	0.0305	ND	0.49	10.63
Arochlor 1232	1	63.58	0.0207	ND	0.49	10.63
Arochlor 1242	10	63.58	0.2367	14.152	0.49	10.63
Arochlor 1248	1	63.58	0.0095	ND	0.49	10.63
Arochlor 1254	1	63.58	0.0059	ND	0.49	10.63
Arochlor 1260	1	63.58	0.0053	ND	0.49	10.63

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	53.08	0.0203	ND	0.49	10.39
Arochlor 1221	1	53.08	0.0374	ND	0.49	10.39
Arochlor 1232	1	53.08	0.0254	ND	0.49	10.39
Arochlor 1242	1	53.08	0.0290	ND	0.49	10.39
Arochlor 1248	1	53.08	0.0116	ND	0.49	10.39
Arochlor 1254	1	53.08	0.0073	ND	0.49	10.39
Arochlor 1260	1	53.08	0.0065	ND	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 120-126"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	49.09	0.0225	ND	0.49	10.16
Arochlor 1221	1	49.09	0.0413	ND	0.49	10.16
Arochlor 1232	1	49.09	0.0281	ND	0.49	10.16
Arochlor 1242	1	49.09	0.0321	ND	0.49	10.16
Arochlor 1248	1	49.09	0.0128	ND	0.49	10.16
Arochlor 1254	1	49.09	0.0080	ND	0.49	10.16
Arochlor 1260	1	49.09	0.0072	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 132-138"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	46.41	0.0229	ND	0.49	10.54
Arochlor 1221	1	46.41	0.0421	ND	0.49	10.54
Arochlor 1232	1	46.41	0.0286	ND	0.49	10.54
Arochlor 1242	1	46.41	0.0327	ND	0.49	10.54
Arochlor 1248	1	46.41	0.0131	ND	0.49	10.54
Arochlor 1254	1	46.41	0.0082	ND	0.49	10.54
Arochlor 1260	1	46.41	0.0074	ND	0.49	10.54

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-D 144-150"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	37.74	0.0279	ND	0.49	10.62
Arochlor 1221	1	37.74	0.0514	ND	0.49	10.62
Arochlor 1232	1	37.74	0.0349	ND	0.49	10.62
Arochlor 1242	1	37.74	0.0399	ND	0.49	10.62
Arochlor 1248	1	37.74	0.0160	ND	0.49	10.62
Arochlor 1254	1	37.74	0.0100	ND	0.49	10.62
Arochlor 1260	1	37.74	0.0090	ND	0.49	10.62

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.56	0.0130	ND	0.49	10.31
Arochlor 1221	1	83.56	0.0239	ND	0.49	10.31
Arochlor 1232	1	83.56	0.0163	ND	0.49	10.31
Arochlor 1242	1	83.56	0.0186	ND	0.49	10.31
Arochlor 1248	1	83.56	0.0074	ND	0.49	10.31
Arochlor 1254	1	83.56	0.0046	1.682	0.49	10.31
Arochlor 1260	1	83.56	0.0042	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5228.06 3/8/00 3/9/00 3/10/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 10-E 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.25**	**0.0126**	**ND**	**0.49**	**10.06**
Arochlor 1221	**1**	**88.25**	**0.0232**	**ND**	**0.49**	**10.06**
Arochlor 1232	**1**	**88.25**	**0.0158**	**ND**	**0.49**	**10.06**
Arochlor 1242	**1**	**88.25**	**0.0180**	**ND**	**0.49**	**10.06**
Arochlor 1248	**1**	**88.25**	**0.0072**	**ND**	**0.49**	**10.06**
Arochlor 1254	**1**	**88.25**	**0.0045**	**ND**	**0.49**	**10.06**
Arochlor 1260	**1**	**88.25**	**0.0041**	**ND**	**0.49**	**10.06**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.56**	**0.0122**	**ND**	**0.49**	**10.90**
Arochlor 1221	**1**	**84.56**	**0.0223**	**ND**	**0.49**	**10.90**
Arochlor 1232	**1**	**84.56**	**0.0152**	**ND**	**0.49**	**10.90**
Arochlor 1242	**1**	**84.56**	**0.0174**	**ND**	**0.49**	**10.90**
Arochlor 1248	**1**	**84.56**	**0.0069**	**ND**	**0.49**	**10.90**
Arochlor 1254	**1**	**84.56**	**0.0043**	**ND**	**0.49**	**10.90**
Arochlor 1260	**1**	**84.56**	**0.0039**	**ND**	**0.49**	**10.90**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.37	0.0116	ND	0.49	10.47
Arochlor 1221	1	92.37	0.0213	ND	0.49	10.47
Arochlor 1232	1	92.37	0.0145	ND	0.49	10.47
Arochlor 1242	1	92.37	0.0165	ND	0.49	10.47
Arochlor 1248	1	92.37	0.0066	ND	0.49	10.47
Arochlor 1254	1	92.37	0.0041	ND	0.49	10.47
Arochlor 1260	1	92.37	0.0037	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**82.19**	**0.0125**	**ND**	**0.49**	**10.92**
Arochlor 1221	**1**	**82.19**	**0.0230**	**ND**	**0.49**	**10.92**
Arochlor 1232	**1**	**82.19**	**0.0156**	**ND**	**0.49**	**10.92**
Arochlor 1242	**1**	**82.19**	**0.0178**	**ND**	**0.49**	**10.92**
Arochlor 1248	**1**	**82.19**	**0.0071**	**ND**	**0.49**	**10.92**
Arochlor 1254	**1**	**82.19**	**0.0045**	**ND**	**0.49**	**10.92**
Arochlor 1260	**1**	**82.19**	**0.0040**	**ND**	**0.49**	**10.92**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	61.11	0.0180	ND	0.49	10.17
Arochlor 1221	1	61.11	0.0331	ND	0.49	10.17
Arochlor 1232	1	61.11	0.0225	ND	0.49	10.17
Arochlor 1242	1	61.11	0.0257	ND	0.49	10.17
Arochlor 1248	1	61.11	0.0103	ND	0.49	10.17
Arochlor 1254	1	61.11	0.0064	ND	0.49	10.17
Arochlor 1260	1	61.11	0.0058	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.45**	**0.0128**	**ND**	**0.49**	**10.21**
Arochlor 1221	**1**	**85.45**	**0.0236**	**ND**	**0.49**	**10.21**
Arochlor 1232	**1**	**85.45**	**0.0160**	**ND**	**0.49**	**10.21**
Arochlor 1242	**1**	**85.45**	**0.0183**	**ND**	**0.49**	**10.21**
Arochlor 1248	**1**	**85.45**	**0.0073**	**ND**	**0.49**	**10.21**
Arochlor 1254	**1**	**85.45**	**0.0046**	**ND**	**0.49**	**10.21**
Arochlor 1260	**1**	**85.45**	**0.0041**	**ND**	**0.49**	**10.21**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5228.12 3/8/00 3/9/00 3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.87	0.0126	ND	0.49	10.01
Arochlor 1221	1	88.87	0.0232	ND	0.49	10.01
Arochlor 1232	1	88.87	0.0157	ND	0.49	10.01
Arochlor 1242	1	88.87	0.0180	ND	0.49	10.01
Arochlor 1248	1	88.87	0.0072	ND	0.49	10.01
Arochlor 1254	1	88.87	0.0045	0.432	0.49	10.01
Arochlor 1260	1	88.87	0.0040	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	74.83	0.0138	ND	0.49	10.81
Arochlor 1221	1	74.83	0.0255	ND	0.49	10.81
Arochlor 1232	1	74.83	0.0173	ND	0.49	10.81
Arochlor 1242	1	74.83	0.0198	ND	0.49	10.81
Arochlor 1248	1	74.83	0.0079	ND	0.49	10.81
Arochlor 1254	1	74.83	0.0049	1.484	0.49	10.81
Arochlor 1260	1	74.83	0.0045	ND	0.49	10.81

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 108-116"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	35.61	0.0290	ND	0.49	10.84
Arochlor 1221	1	35.61	0.0534	ND	0.49	10.84
Arochlor 1232	1	35.61	0.0363	ND	0.49	10.84
Arochlor 1242	1	35.61	0.0414	ND	0.49	10.84
Arochlor 1248	1	35.61	0.0166	ND	0.49	10.84
Arochlor 1254	1	35.61	0.0104	ND	0.49	10.84
Arochlor 1260	1	35.61	0.0093	ND	0.49	10.84

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 122-128"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	21.80	0.0504	ND	0.49	10.19
Arochlor 1221	1	21.80	0.0927	ND	0.49	10.19
Arochlor 1232	1	21.80	0.0630	ND	0.49	10.19
Arochlor 1242	1	21.80	0.0720	ND	0.49	10.19
Arochlor 1248	1	21.80	0.0288	ND	0.49	10.19
Arochlor 1254	1	21.80	0.0180	ND	0.49	10.19
Arochlor 1260	1	21.80	0.0162	ND	0.49	10.19

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 134-140"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	31.94	0.0322	ND	0.49	10.89
Arochlor 1221	1	31.94	0.0592	ND	0.49	10.89
Arochlor 1232	1	31.94	0.0402	ND	0.49	10.89
Arochlor 1242	1	31.94	0.0460	ND	0.49	10.89
Arochlor 1248	1	31.94	0.0184	ND	0.49	10.89
Arochlor 1254	1	31.94	0.0115	ND	0.49	10.89
Arochlor 1260	1	31.94	0.0103	ND	0.49	10.89

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000408

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10-E 144-150"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	47.61	0.0224	ND	0.49	10.49
Arochlor 1221	1	47.61	0.0412	ND	0.49	10.49
Arochlor 1232	1	47.61	0.0280	ND	0.49	10.49
Arochlor 1242	1	47.61	0.0320	ND	0.49	10.49
Arochlor 1248	1	47.61	0.0128	ND	0.49	10.49
Arochlor 1254	1	47.61	0.0080	ND	0.49	10.49
Arochlor 1260	1	47.61	0.0072	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.74	0.0132	ND	0.49	10.29
Arochlor 1221	1	82.74	0.0242	ND	0.49	10.29
Arochlor 1232	1	82.74	0.0164	ND	0.49	10.29
Arochlor 1242	1	82.74	0.0188	ND	0.49	10.29
Arochlor 1248	1	82.74	0.0075	ND	0.49	10.29
Arochlor 1254	1	82.74	0.0047	ND	0.49	10.29
Arochlor 1260	1	82.74	0.0042	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.46	0.0113	ND	0.49	10.84
Arochlor 1221	1	91.46	0.0208	ND	0.49	10.84
Arochlor 1232	1	91.46	0.0141	ND	0.49	10.84
Arochlor 1242	1	91.46	0.0161	ND	0.49	10.84
Arochlor 1248	1	91.46	0.0065	ND	0.49	10.84
Arochlor 1254	1	91.46	0.0040	ND	0.49	10.84
Arochlor 1260	1	91.46	0.0036	ND	0.49	10.84

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.46	0.0123	ND	0.49	10.17
Arochlor 1221	1	89.46	0.0226	ND	0.49	10.17
Arochlor 1232	1	89.46	0.0154	ND	0.49	10.17
Arochlor 1242	1	89.46	0.0176	ND	0.49	10.17
Arochlor 1248	1	89.46	0.0070	ND	0.49	10.17
Arochlor 1254	1	89.46	0.0044	ND	0.49	10.17
Arochlor 1260	1	89.46	0.0040	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000412

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.07	0.0123	ND	0.49	10.14
Arochlor 1221	1	90.07	0.0226	ND	0.49	10.14
Arochlor 1232	1	90.07	0.0153	ND	0.49	10.14
Arochlor 1242	1	90.07	0.0175	ND	0.49	10.14
Arochlor 1248	1	90.07	0.0070	ND	0.49	10.14
Arochlor 1254	1	90.07	0.0044	ND	0.49	10.14
Arochlor 1260	1	90.07	0.0039	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.32	0.0111	ND	0.49	10.86
Arochlor 1221	1	93.32	0.0203	ND	0.49	10.86
Arochlor 1232	1	93.32	0.0138	ND	0.49	10.86
Arochlor 1242	1	93.32	0.0158	ND	0.49	10.86
Arochlor 1248	1	93.32	0.0063	ND	0.49	10.86
Arochlor 1254	1	93.32	0.0039	ND	0.49	10.86
Arochlor 1260	1	93.32	0.0036	ND	0.49	10.86

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000414

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.94**	**0.0123**	**ND**	**0.49**	**10.02**
Arochlor 1221	**1**	**90.94**	**0.0226**	**ND**	**0.49**	**10.02**
Arochlor 1232	**1**	**90.94**	**0.0154**	**ND**	**0.49**	**10.02**
Arochlor 1242	**1**	**90.94**	**0.0176**	**ND**	**0.49**	**10.02**
Arochlor 1248	**1**	**90.94**	**0.0070**	**ND**	**0.49**	**10.02**
Arochlor 1254	**1**	**90.94**	**0.0044**	**ND**	**0.49**	**10.02**
Arochlor 1260	**1**	**90.94**	**0.0040**	**ND**	**0.49**	**10.02**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.97	0.0119	ND	0.49	10.48
Arochlor 1221	1	89.97	0.0218	ND	0.49	10.48
Arochlor 1232	1	89.97	0.0148	ND	0.49	10.48
Arochlor 1242	1	89.97	0.0170	ND	0.49	10.48
Arochlor 1248	1	89.97	0.0068	ND	0.49	10.48
Arochlor 1254	1	89.97	0.0042	ND	0.49	10.48
Arochlor 1260	1	89.97	0.0038	ND	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000416

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**82.27**	**0.0132**	**ND**	**0.49**	**10.29**
Arochlor 1221	**1**	**82.27**	**0.0243**	**ND**	**0.49**	**10.29**
Arochlor 1232	**1**	**82.27**	**0.0165**	**ND**	**0.49**	**10.29**
Arochlor 1242	**1**	**82.27**	**0.0189**	**ND**	**0.49**	**10.29**
Arochlor 1248	**1**	**82.27**	**0.0076**	**ND**	**0.49**	**10.29**
Arochlor 1254	**1**	**82.27**	**0.0047**	**ND**	**0.49**	**10.29**
Arochlor 1260	**1**	**82.27**	**0.0043**	**ND**	**0.49**	**10.29**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	34.91	0.0319	ND	0.49	10.06
Arochlor 1221	1	34.91	0.0587	ND	0.49	10.06
Arochlor 1232	1	34.91	0.0399	ND	0.49	10.06
Arochlor 1242	1	34.91	0.0456	ND	0.49	10.06
Arochlor 1248	1	34.91	0.0182	ND	0.49	10.06
Arochlor 1254	1	34.91	0.0114	ND	0.49	10.06
Arochlor 1260	1	34.91	0.0103	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000418

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	10F 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	32.69	0.0325	ND	0.49	10.54
Arochlor 1221	1	32.69	0.0598	ND	0.49	10.54
Arochlor 1232	1	32.69	0.0406	ND	0.49	10.54
Arochlor 1242	1	32.69	0.0464	ND	0.49	10.54
Arochlor 1248	1	32.69	0.0186	ND	0.49	10.54
Arochlor 1254	1	32.69	0.0116	ND	0.49	10.54
Arochlor 1260	1	32.69	0.0104	ND	0.49	10.54

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**11** **0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.29	0.0139	1.230	0.49	10.46
Arochlor 1221	1	77.29	0.0255	ND	0.49	10.46
Arochlor 1232	1	77.29	0.0173	ND	0.49	10.46
Arochlor 1242	1	77.29	0.0198	ND	0.49	10.46
Arochlor 1248	1	77.29	0.0079	ND	0.49	10.46
Arochlor 1254	1	77.29	0.0049	ND	0.49	10.46
Arochlor 1260	1	77.29	0.0045	0.126	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**11**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.13	0.0125	0.157	0.49	10.44
Arochlor 1221	1	86.13	0.0229	ND	0.49	10.44
Arochlor 1232	1	86.13	0.0156	ND	0.49	10.44
Arochlor 1242	1	86.13	0.0178	ND	0.49	10.44
Arochlor 1248	1	86.13	0.0071	ND	0.49	10.44
Arochlor 1254	1	86.13	0.0044	ND	0.49	10.44
Arochlor 1260	1	86.13	0.0040	0.060	0.49	10.44

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	11 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.47	0.0129	ND	0.49	10.42
Arochlor 1221	1	83.47	0.0237	ND	0.49	10.42
Arochlor 1232	1	83.47	0.0161	ND	0.49	10.42
Arochlor 1242	1	83.47	0.0184	ND	0.49	10.42
Arochlor 1248	1	83.47	0.0074	ND	0.49	10.42
Arochlor 1254	1	83.47	0.0046	ND	0.49	10.42
Arochlor 1260	1	83.47	0.0041	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000422

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	11 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	72.11	0.0145	ND	0.49	10.74
Arochlor 1221	1	72.11	0.0266	ND	0.49	10.74
Arochlor 1232	1	72.11	0.0181	ND	0.49	10.74
Arochlor 1242	1	72.11	0.0207	ND	0.49	10.74
Arochlor 1248	1	72.11	0.0083	ND	0.49	10.74
Arochlor 1254	1	72.11	0.0052	ND	0.49	10.74
Arochlor 1260	1	72.11	0.0046	ND	0.49	10.74

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**11**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	58.25	0.0180	ND	0.49	10.71
Arochlor 1221	1	58.25	0.0330	ND	0.49	10.71
Arochlor 1232	1	58.25	0.0224	ND	0.49	10.71
Arochlor 1242	1	58.25	0.0256	ND	0.49	10.71
Arochlor 1248	1	58.25	0.0103	ND	0.49	10.71
Arochlor 1254	1	58.25	0.0064	ND	0.49	10.71
Arochlor 1260	1	58.25	0.0058	0.234	0.49	10.71

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000424

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**11**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	47.61	0.0231	ND	0.49	10.17
Arochlor 1221	1	47.61	0.0425	ND	0.49	10.17
Arochlor 1232	1	47.61	0.0289	ND	0.49	10.17
Arochlor 1242	1	47.61	0.0330	ND	0.49	10.17
Arochlor 1248	1	47.61	0.0132	ND	0.49	10.17
Arochlor 1254	1	47.61	0.0083	ND	0.49	10.17
Arochlor 1260	1	47.61	0.0074	0.033	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.82	0.0128	ND	0.49	10.94
Arochlor 1221	1	79.82	0.0236	ND	0.49	10.94
Arochlor 1232	1	79.82	0.0160	ND	0.49	10.94
Arochlor 1242	1	79.82	0.0183	ND	0.49	10.94
Arochlor 1248	1	79.82	0.0073	ND	0.49	10.94
Arochlor 1254	1	79.82	0.0046	0.513	0.49	10.94
Arochlor 1260	1	79.82	0.0041	ND	0.49	10.94

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.49**	**0.0129**	**ND**	**0.49**	**10.43**
Arochlor 1221	**1**	**83.49**	**0.0237**	**ND**	**0.49**	**10.43**
Arochlor 1232	**1**	**83.49**	**0.0161**	**ND**	**0.49**	**10.43**
Arochlor 1242	**1**	**83.49**	**0.0184**	**ND**	**0.49**	**10.43**
Arochlor 1248	**1**	**83.49**	**0.0073**	**ND**	**0.49**	**10.43**
Arochlor 1254	**1**	**83.49**	**0.0046**	**0.657**	**0.49**	**10.43**
Arochlor 1260	**1**	**83.49**	**0.0041**	**ND**	**0.49**	**10.43**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/29/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.20	0.0129	ND	0.49	10.98
Arochlor 1221	1	79.20	0.0237	ND	0.49	10.98
Arochlor 1232	1	79.20	0.0161	ND	0.49	10.98
Arochlor 1242	20	79.20	0.3680	27.424	0.49	10.98
Arochlor 1248	1	79.20	0.0074	ND	0.49	10.98
Arochlor 1254	1	79.20	0.0046	ND	0.49	10.98
Arochlor 1260	1	79.20	0.0041	ND	0.49	10.98

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.74	0.0118	0.745	0.49	10.84
Arochlor 1221	1	87.74	0.0217	ND	0.49	10.84
Arochlor 1232	1	87.74	0.0147	ND	0.49	10.84
Arochlor 1242	1	87.74	0.0168	ND	0.49	10.84
Arochlor 1248	1	87.74	0.0067	ND	0.49	10.84
Arochlor 1254	1	87.74	0.0042	ND	0.49	10.84
Arochlor 1260	1	87.74	0.0038	0.532	0.49	10.84

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.94	0.0130	ND	0.49	10.14
Arochlor 1221	1	84.94	0.0239	ND	0.49	10.14
Arochlor 1232	1	84.94	0.0163	ND	0.49	10.14
Arochlor 1242	1	84.94	0.0186	ND	0.49	10.14
Arochlor 1248	1	84.94	0.0074	ND	0.49	10.14
Arochlor 1254	1	84.94	0.0046	ND	0.49	10.14
Arochlor 1260	1	84.94	0.0042	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000430

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**77.13**	**0.0138**	**ND**	**0.49**	**10.54**
Arochlor 1221	**1**	**77.13**	**0.0253**	**ND**	**0.49**	**10.54**
Arochlor 1232	**1**	**77.13**	**0.0172**	**ND**	**0.49**	**10.54**
Arochlor 1242	**1**	**77.13**	**0.0197**	**5.526**	**0.49**	**10.54**
Arochlor 1248	**1**	**77.13**	**0.0079**	**ND**	**0.49**	**10.54**
Arochlor 1254	**1**	**77.13**	**0.0049**	**ND**	**0.49**	**10.54**
Arochlor 1260	**1**	**77.13**	**0.0044**	**ND**	**0.49**	**10.54**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.10	0.0123	ND	0.49	10.61
Arochlor 1221	1	86.10	0.0226	ND	0.49	10.61
Arochlor 1232	1	86.10	0.0153	ND	0.49	10.61
Arochlor 1242	1	86.10	0.0175	ND	0.49	10.61
Arochlor 1248	1	86.10	0.0070	ND	0.49	10.61
Arochlor 1254	1	86.10	0.0044	ND	0.49	10.61
Arochlor 1260	1	86.10	0.0039	ND	0.49	10.61

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.41	0.0128	ND	0.49	10.01
Arochlor 1221	1	87.41	0.0235	ND	0.49	10.01
Arochlor 1232	1	87.41	0.0160	ND	0.49	10.01
Arochlor 1242	1	87.41	0.0183	ND	0.49	10.01
Arochlor 1248	1	87.41	0.0073	ND	0.49	10.01
Arochlor 1254	1	87.41	0.0046	ND	0.49	10.01
Arochlor 1260	1	87.41	0.0041	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	74.05	0.0152	ND	0.49	9.93
Arochlor 1221	1	74.05	0.0280	ND	0.49	9.93
Arochlor 1232	1	74.05	0.0190	ND	0.49	9.93
Arochlor 1242	1	74.05	0.0218	ND	0.49	9.93
Arochlor 1248	1	74.05	0.0087	ND	0.49	9.93
Arochlor 1254	1	74.05	0.0054	ND	0.49	9.93
Arochlor 1260	1	74.05	0.0049	ND	0.49	9.93

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**76.43**	**0.0145**	**ND**	**0.49**	**10.08**
Arochlor 1221	**1**	**76.43**	**0.0267**	**ND**	**0.49**	**10.08**
Arochlor 1232	**1**	**76.43**	**0.0182**	**ND**	**0.49**	**10.08**
Arochlor 1242	**1**	**76.43**	**0.0208**	**ND**	**0.49**	**10.08**
Arochlor 1248	**1**	**76.43**	**0.0083**	**ND**	**0.49**	**10.08**
Arochlor 1254	**1**	**76.43**	**0.0052**	**ND**	**0.49**	**10.08**
Arochlor 1260	**1**	**76.43**	**0.0047**	**ND**	**0.49**	**10.08**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.36	0.0132	ND	0.49	10.42
Arochlor 1221	1	81.36	0.0243	ND	0.49	10.42
Arochlor 1232	1	81.36	0.0165	ND	0.49	10.42
Arochlor 1242	1	81.36	0.0189	ND	0.49	10.42
Arochlor 1248	1	81.36	0.0075	ND	0.49	10.42
Arochlor 1254	1	81.36	0.0047	ND	0.49	10.42
Arochlor 1260	1	81.36	0.0042	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.95	0.0129	ND	0.49	10.45
Arochlor 1221	1	82.95	0.0238	ND	0.49	10.45
Arochlor 1232	1	82.95	0.0162	ND	0.49	10.45
Arochlor 1242	1	82.95	0.0185	1.482	0.49	10.45
Arochlor 1248	1	82.95	0.0074	ND	0.49	10.45
Arochlor 1254	1	82.95	0.0046	ND	0.49	10.45
Arochlor 1260	1	82.95	0.0042	ND	0.49	10.45

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.12	0.0120	ND	0.49	10.11
Arochlor 1221	1	92.12	0.0221	ND	0.49	10.11
Arochlor 1232	1	92.12	0.0150	ND	0.49	10.11
Arochlor 1242	1	92.12	0.0172	ND	0.49	10.11
Arochlor 1248	1	92.12	0.0069	ND	0.49	10.11
Arochlor 1254	1	92.12	0.0043	ND	0.49	10.11
Arochlor 1260	1	92.12	0.0039	ND	0.49	10.11

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.92	0.0132	ND	0.49	10.36
Arochlor 1221	1	81.92	0.0243	ND	0.49	10.36
Arochlor 1232	1	81.92	0.0165	ND	0.49	10.36
Arochlor 1242	1	81.92	0.0189	1.277	0.49	10.36
Arochlor 1248	1	81.92	0.0075	ND	0.49	10.36
Arochlor 1254	1	81.92	0.0047	ND	0.49	10.36
Arochlor 1260	1	81.92	0.0042	ND	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.71	0.0134	ND	0.49	10.07
Arochlor 1221	1	82.71	0.0247	ND	0.49	10.07
Arochlor 1232	1	82.71	0.0168	ND	0.49	10.07
Arochlor 1242	1	82.71	0.0192	1.646	0.49	10.07
Arochlor 1248	1	82.71	0.0077	ND	0.49	10.07
Arochlor 1254	1	82.71	0.0048	ND	0.49	10.07
Arochlor 1260	1	82.71	0.0043	ND	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.96	0.0138	ND	0.49	10.13
Arochlor 1221	1	79.96	0.0254	ND	0.49	10.13
Arochlor 1232	1	79.96	0.0173	ND	0.49	10.13
Arochlor 1242	1	79.96	0.0198	0.323	0.49	10.13
Arochlor 1248	1	79.96	0.0079	ND	0.49	10.13
Arochlor 1254	1	79.96	0.0049	ND	0.49	10.13
Arochlor 1260	1	79.96	0.0044	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.36	0.0126	ND	0.49	10.80
Arochlor 1221	1	82.36	0.0232	ND	0.49	10.80
Arochlor 1232	1	82.36	0.0157	ND	0.49	10.80
Arochlor 1242	1	82.36	0.0180	0.582	0.49	10.80
Arochlor 1248	1	82.36	0.0072	ND	0.49	10.80
Arochlor 1254	1	82.36	0.0045	ND	0.49	10.80
Arochlor 1260	1	82.36	0.0040	ND	0.49	10.80

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.30	0.0124	ND	0.49	10.27
Arochlor 1221	1	88.30	0.0227	ND	0.49	10.27
Arochlor 1232	1	88.30	0.0154	ND	0.49	10.27
Arochlor 1242	1	88.30	0.0176	ND	0.49	10.27
Arochlor 1248	1	88.30	0.0071	ND	0.49	10.27
Arochlor 1254	1	88.30	0.0044	ND	0.49	10.27
Arochlor 1260	1	88.30	0.0040	ND	0.49	10.27

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11-B 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.01	0.0132	ND	0.49	9.85
Arochlor 1221	1	86.01	0.0243	ND	0.49	9.85
Arochlor 1232	1	86.01	0.0165	ND	0.49	9.85
Arochlor 1242	1	86.01	0.0189	ND	0.49	9.85
Arochlor 1248	1	86.01	0.0076	ND	0.49	9.85
Arochlor 1254	1	86.01	0.0047	ND	0.49	9.85
Arochlor 1260	1	86.01	0.0042	ND	0.49	9.85

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.83	0.0124	ND	0.49	10.65
Arochlor 1221	1	84.83	0.0228	ND	0.49	10.65
Arochlor 1232	1	84.83	0.0155	ND	0.49	10.65
Arochlor 1242	1	84.83	0.0177	ND	0.49	10.65
Arochlor 1248	1	84.83	0.0071	ND	0.49	10.65
Arochlor 1254	1	84.83	0.0044	ND	0.49	10.65
Arochlor 1260	1	84.83	0.0040	ND	0.49	10.65

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.06	0.0119	ND	0.49	10.43
Arochlor 1221	1	90.06	0.0219	ND	0.49	10.43
Arochlor 1232	1	90.06	0.0149	ND	0.49	10.43
Arochlor 1242	1	90.06	0.0170	ND	0.49	10.43
Arochlor 1248	1	90.06	0.0068	ND	0.49	10.43
Arochlor 1254	1	90.06	0.0043	ND	0.49	10.43
Arochlor 1260	1	90.06	0.0038	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.41
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**92.14**	**0.0118**	**ND**	**0.49**	**10.30**
Arochlor 1221	**1**	**92.14**	**0.0217**	**ND**	**0.49**	**10.30**
Arochlor 1232	**1**	**92.14**	**0.0148**	**ND**	**0.49**	**10.30**
Arochlor 1242	**1**	**92.14**	**0.0169**	**ND**	**0.49**	**10.30**
Arochlor 1248	**1**	**92.14**	**0.0067**	**ND**	**0.49**	**10.30**
Arochlor 1254	**1**	**92.14**	**0.0042**	**ND**	**0.49**	**10.30**
Arochlor 1260	**1**	**92.14**	**0.0038**	**ND**	**0.49**	**10.30**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.63	0.0131	ND	0.49	10.62
Arochlor 1221	1	80.63	0.0241	ND	0.49	10.62
Arochlor 1232	1	80.63	0.0163	ND	0.49	10.62
Arochlor 1242	1	80.63	0.0187	4.060	0.49	10.62
Arochlor 1248	1	80.63	0.0075	ND	0.49	10.62
Arochlor 1254	1	80.63	0.0047	ND	0.49	10.62
Arochlor 1260	1	80.63	0.0042	ND	0.49	10.62

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.43
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.76	0.0112	ND	0.49	10.88
Arochlor 1221	1	91.76	0.0206	ND	0.49	10.88
Arochlor 1232	1	91.76	0.0140	ND	0.49	10.88
Arochlor 1242	1	91.76	0.0160	ND	0.49	10.88
Arochlor 1248	1	91.76	0.0064	ND	0.49	10.88
Arochlor 1254	1	91.76	0.0040	ND	0.49	10.88
Arochlor 1260	1	91.76	0.0036	ND	0.49	10.88

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.00	0.0124	ND	0.49	10.49
Arochlor 1221	1	86.00	0.0228	ND	0.49	10.49
Arochlor 1232	1	86.00	0.0155	ND	0.49	10.49
Arochlor 1242	1	86.00	0.0177	ND	0.49	10.49
Arochlor 1248	1	86.00	0.0071	ND	0.49	10.49
Arochlor 1254	1	86.00	0.0044	ND	0.49	10.49
Arochlor 1260	1	86.00	0.0040	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.45
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.59	0.0119	ND	0.49	10.36
Arochlor 1221	1	90.59	0.0219	ND	0.49	10.36
Arochlor 1232	1	90.59	0.0149	ND	0.49	10.36
Arochlor 1242	1	90.59	0.0170	0.978	0.49	10.36
Arochlor 1248	1	90.59	0.0068	ND	0.49	10.36
Arochlor 1254	1	90.59	0.0043	ND	0.49	10.36
Arochlor 1260	1	90.59	0.0038	ND	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5148.46 2/7/00 2/16/00 2/17/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 11C 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.43	0.0124	ND	0.49	10.13
Arochlor 1221	1	89.43	0.0227	ND	0.49	10.13
Arochlor 1232	1	89.43	0.0155	ND	0.49	10.13
Arochlor 1242	1	89.43	0.0177	0.301	0.49	10.13
Arochlor 1248	1	89.43	0.0071	ND	0.49	10.13
Arochlor 1254	1	89.43	0.0044	ND	0.49	10.13
Arochlor 1260	1	89.43	0.0040	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.47
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.44**	**0.0126**	**ND**	**0.49**	**10.15**
Arochlor 1221	**1**	**87.44**	**0.0232**	**ND**	**0.49**	**10.15**
Arochlor 1232	**1**	**87.44**	**0.0158**	**ND**	**0.49**	**10.15**
Arochlor 1242	**1**	**87.44**	**0.0180**	**ND**	**0.49**	**10.15**
Arochlor 1248	**1**	**87.44**	**0.0072**	**ND**	**0.49**	**10.15**
Arochlor 1254	**1**	**87.44**	**0.0045**	**ND**	**0.49**	**10.15**
Arochlor 1260	**1**	**87.44**	**0.0041**	**ND**	**0.49**	**10.15**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11C 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	45.79	0.0231	ND	0.49	10.60
Arochlor 1221	1	45.79	0.0424	ND	0.49	10.60
Arochlor 1232	1	45.79	0.0288	ND	0.49	10.60
Arochlor 1242	1	45.79	0.0330	ND	0.49	10.60
Arochlor 1248	1	45.79	0.0132	ND	0.49	10.60
Arochlor 1254	1	45.79	0.0082	ND	0.49	10.60
Arochlor 1260	1	45.79	0.0074	ND	0.49	10.60

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.94	0.0115	ND	0.49	10.95
Arochlor 1221	1	88.94	0.0212	ND	0.49	10.95
Arochlor 1232	1	88.94	0.0144	ND	0.49	10.95
Arochlor 1242	1	88.94	0.0164	ND	0.49	10.95
Arochlor 1248	1	88.94	0.0066	ND	0.49	10.95
Arochlor 1254	1	88.94	0.0041	ND	0.49	10.95
Arochlor 1260	1	88.94	0.0037	ND	0.49	10.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.21	0.0121	ND	0.49	10.00
Arochlor 1221	1	92.21	0.0223	ND	0.49	10.00
Arochlor 1232	1	92.21	0.0152	ND	0.49	10.00
Arochlor 1242	1	92.21	0.0174	ND	0.49	10.00
Arochlor 1248	1	92.21	0.0069	ND	0.49	10.00
Arochlor 1254	1	92.21	0.0043	ND	0.49	10.00
Arochlor 1260	1	92.21	0.0039	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.40	0.0112	ND	0.49	10.90
Arochlor 1221	1	91.40	0.0207	ND	0.49	10.90
Arochlor 1232	1	91.40	0.0141	ND	0.49	10.90
Arochlor 1242	1	91.40	0.0161	ND	0.49	10.90
Arochlor 1248	1	91.40	0.0064	ND	0.49	10.90
Arochlor 1254	1	91.40	0.0040	ND	0.49	10.90
Arochlor 1260	1	91.40	0.0036	ND	0.49	10.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.75	0.0134	ND	0.49	10.23
Arochlor 1221	1	81.75	0.0246	ND	0.49	10.23
Arochlor 1232	1	81.75	0.0167	ND	0.49	10.23
Arochlor 1242	1	81.75	0.0191	6.352	0.49	10.23
Arochlor 1248	1	81.75	0.0077	ND	0.49	10.23
Arochlor 1254	1	81.75	0.0048	ND	0.49	10.23
Arochlor 1260	1	81.75	0.0043	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.59**	**0.0126**	**ND**	**0.49**	**10.66**
Arochlor 1221	**1**	**83.59**	**0.0231**	**ND**	**0.49**	**10.66**
Arochlor 1232	**1**	**83.59**	**0.0157**	**ND**	**0.49**	**10.66**
Arochlor 1242	**1**	**83.59**	**0.0180**	**ND**	**0.49**	**10.66**
Arochlor 1248	**1**	**83.59**	**0.0072**	**ND**	**0.49**	**10.66**
Arochlor 1254	**1**	**83.59**	**0.0045**	**ND**	**0.49**	**10.66**
Arochlor 1260	**1**	**83.59**	**0.0040**	**ND**	**0.49**	**10.66**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5228.23 3/8/00 3/9/00 3/10/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 11D 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	51.92	0.0207	ND	0.49	10.43
Arochlor 1221	1	51.92	0.0380	ND	0.49	10.43
Arochlor 1232	1	51.92	0.0259	ND	0.49	10.43
Arochlor 1242	1	51.92	0.0295	9.339	0.49	10.43
Arochlor 1248	1	51.92	0.0118	ND	0.49	10.43
Arochlor 1254	1	51.92	0.0074	ND	0.49	10.43
Arochlor 1260	1	51.92	0.0066	ND	0.49	10.43

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	34.15	0.0301	ND	0.49	10.91
Arochlor 1221	1	34.15	0.0553	ND	0.49	10.91
Arochlor 1232	1	34.15	0.0376	ND	0.49	10.91
Arochlor 1242	1	34.15	0.0429	17.262	0.49	10.91
Arochlor 1248	1	34.15	0.0172	ND	0.49	10.91
Arochlor 1254	1	34.15	0.0107	ND	0.49	10.91
Arochlor 1260	1	34.15	0.0097	ND	0.49	10.91

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.11	0.0199	ND	0.49	10.42
Arochlor 1221	1	54.11	0.0365	ND	0.49	10.42
Arochlor 1232	1	54.11	0.0248	ND	0.49	10.42
Arochlor 1242	1	54.11	0.0284	ND	0.49	10.42
Arochlor 1248	1	54.11	0.0114	ND	0.49	10.42
Arochlor 1254	1	54.11	0.0071	ND	0.49	10.42
Arochlor 1260	1	54.11	0.0064	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	35.43	0.0295	ND	0.49	10.72
Arochlor 1221	1	35.43	0.0542	ND	0.49	10.72
Arochlor 1232	1	35.43	0.0369	ND	0.49	10.72
Arochlor 1242	1	35.43	0.0421	ND	0.49	10.72
Arochlor 1248	1	35.43	0.0169	ND	0.49	10.72
Arochlor 1254	1	35.43	0.0105	ND	0.49	10.72
Arochlor 1260	1	35.43	0.0095	ND	0.49	10.72

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 108-116"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	33.29	0.0331	ND	0.49	10.16
Arochlor 1221	1	33.29	0.0609	ND	0.49	10.16
Arochlor 1232	1	33.29	0.0414	ND	0.49	10.16
Arochlor 1242	1	33.29	0.0473	ND	0.49	10.16
Arochlor 1248	1	33.29	0.0189	ND	0.49	10.16
Arochlor 1254	1	33.29	0.0118	ND	0.49	10.16
Arochlor 1260	1	33.29	0.0106	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 122-128"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	25.96	0.0417	ND	0.49	10.34
Arochlor 1221	1	25.96	0.0767	ND	0.49	10.34
Arochlor 1232	1	25.96	0.0522	ND	0.49	10.34
Arochlor 1242	1	25.96	0.0596	ND	0.49	10.34
Arochlor 1248	1	25.96	0.0238	ND	0.49	10.34
Arochlor 1254	1	25.96	0.0149	ND	0.49	10.34
Arochlor 1260	1	25.96	0.0134	ND	0.49	10.34

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 134-140"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	41.53	0.0251	ND	0.49	10.76
Arochlor 1221	1	41.53	0.0461	ND	0.49	10.76
Arochlor 1232	1	41.53	0.0313	ND	0.49	10.76
Arochlor 1242	1	41.53	0.0358	ND	0.49	10.76
Arochlor 1248	1	41.53	0.0143	ND	0.49	10.76
Arochlor 1254	1	41.53	0.0090	ND	0.49	10.76
Arochlor 1260	1	41.53	0.0081	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5228.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/8/00
	Bldg. 173	**Extraction Date:**	3/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11D 144-150"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**65.10**	**0.0157**	**ND**	**0.49**	**10.99**
Arochlor 1221	**1**	**65.10**	**0.0288**	**ND**	**0.49**	**10.99**
Arochlor 1232	**1**	**65.10**	**0.0196**	**ND**	**0.49**	**10.99**
Arochlor 1242	**1**	**65.10**	**0.0224**	**ND**	**0.49**	**10.99**
Arochlor 1248	**1**	**65.10**	**0.0089**	**ND**	**0.49**	**10.99**
Arochlor 1254	**1**	**65.10**	**0.0056**	**ND**	**0.49**	**10.99**
Arochlor 1260	**1**	**65.10**	**0.0050**	**ND**	**0.49**	**10.99**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.73	0.0128	ND	0.49	10.57
Arochlor 1221	1	82.73	0.0236	ND	0.49	10.57
Arochlor 1232	1	82.73	0.0160	ND	0.49	10.57
Arochlor 1242	1	82.73	0.0183	ND	0.49	10.57
Arochlor 1248	1	82.73	0.0073	ND	0.49	10.57
Arochlor 1254	1	82.73	0.0046	ND	0.49	10.57
Arochlor 1260	1	82.73	0.0041	ND	0.49	10.57

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	76.26	0.0137	ND	0.49	10.70
Arochlor 1221	1	76.26	0.0252	ND	0.49	10.70
Arochlor 1232	1	76.26	0.0172	ND	0.49	10.70
Arochlor 1242	1	76.26	0.0196	1.017	0.49	10.70
Arochlor 1248	1	76.26	0.0078	ND	0.49	10.70
Arochlor 1254	1	76.26	0.0049	ND	0.49	10.70
Arochlor 1260	1	76.26	0.0044	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.72	0.0133	ND	0.49	10.80
Arochlor 1221	1	77.72	0.0245	ND	0.49	10.80
Arochlor 1232	1	77.72	0.0167	ND	0.49	10.80
Arochlor 1242	1	77.72	0.0191	ND	0.49	10.80
Arochlor 1248	1	77.72	0.0076	ND	0.49	10.80
Arochlor 1254	1	77.72	0.0048	ND	0.49	10.80
Arochlor 1260	1	77.72	0.0043	ND	0.49	10.80

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**81.18**	**0.0137**	**ND**	**0.49**	**10.06**
Arochlor 1221	**1**	**81.18**	**0.0252**	**ND**	**0.49**	**10.06**
Arochlor 1232	**1**	**81.18**	**0.0171**	**ND**	**0.49**	**10.06**
Arochlor 1242	**1**	**81.18**	**0.0196**	**ND**	**0.49**	**10.06**
Arochlor 1248	**1**	**81.18**	**0.0078**	**ND**	**0.49**	**10.06**
Arochlor 1254	**1**	**81.18**	**0.0049**	**ND**	**0.49**	**10.06**
Arochlor 1260	**1**	**81.18**	**0.0044**	**ND**	**0.49**	**10.06**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.82	0.0122	ND	0.49	10.32
Arochlor 1221	1	88.82	0.0225	ND	0.49	10.32
Arochlor 1232	1	88.82	0.0153	ND	0.49	10.32
Arochlor 1242	100	88.82	1.7455	187.444	0.49	10.32
Arochlor 1248	1	88.82	0.0070	ND	0.49	10.32
Arochlor 1254	1	88.82	0.0044	ND	0.49	10.32
Arochlor 1260	1	88.82	0.0039	ND	0.49	10.32

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.99	0.0139	ND	0.49	9.97
Arochlor 1221	1	80.99	0.0255	ND	0.49	9.97
Arochlor 1232	1	80.99	0.0173	ND	0.49	9.97
Arochlor 1242	1	80.99	0.0198	ND	0.49	9.97
Arochlor 1248	1	80.99	0.0079	ND	0.49	9.97
Arochlor 1254	1	80.99	0.0050	ND	0.49	9.97
Arochlor 1260	1	80.99	0.0045	ND	0.49	9.97

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.00	0.0115	ND	0.49	10.84
Arochlor 1221	1	90.00	0.0211	ND	0.49	10.84
Arochlor 1232	1	90.00	0.0144	ND	0.49	10.84
Arochlor 1242	1	90.00	0.0164	ND	0.49	10.84
Arochlor 1248	1	90.00	0.0066	ND	0.49	10.84
Arochlor 1254	1	90.00	0.0041	ND	0.49	10.84
Arochlor 1260	1	90.00	0.0037	ND	0.49	10.84

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.36	0.0142	ND	0.49	10.23
Arochlor 1221	1	77.36	0.0260	ND	0.49	10.23
Arochlor 1232	1	77.36	0.0177	ND	0.49	10.23
Arochlor 1242	1	77.36	0.0202	ND	0.49	10.23
Arochlor 1248	1	77.36	0.0081	ND	0.49	10.23
Arochlor 1254	1	77.36	0.0051	ND	0.49	10.23
Arochlor 1260	1	77.36	0.0045	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.36	0.0119	ND	0.49	10.73
Arochlor 1221	1	87.36	0.0220	ND	0.49	10.73
Arochlor 1232	1	87.36	0.0149	ND	0.49	10.73
Arochlor 1242	1	87.36	0.0171	ND	0.49	10.73
Arochlor 1248	1	87.36	0.0068	ND	0.49	10.73
Arochlor 1254	1	87.36	0.0043	ND	0.49	10.73
Arochlor 1260	1	87.36	0.0038	ND	0.49	10.73

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5251.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/16/00
	Bldg. 173	**Extraction Date:**	3/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11E 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	71.63	0.0153	ND	0.49	10.24
Arochlor 1221	1	71.63	0.0281	ND	0.49	10.24
Arochlor 1232	1	71.63	0.0191	ND	0.49	10.24
Arochlor 1242	1	71.63	0.0218	ND	0.49	10.24
Arochlor 1248	1	71.63	0.0087	ND	0.49	10.24
Arochlor 1254	1	71.63	0.0055	ND	0.49	10.24
Arochlor 1260	1	71.63	0.0049	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/24/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**93.51**	**0.0120**	**ND**	**0.49**	**10.01**
Arochlor 1221	**1**	**93.51**	**0.0220**	**ND**	**0.49**	**10.01**
Arochlor 1232	**1**	**93.51**	**0.0150**	**ND**	**0.49**	**10.01**
Arochlor 1242	**1**	**93.51**	**0.0171**	**ND**	**0.49**	**10.01**
Arochlor 1248	**1**	**93.51**	**0.0068**	**ND**	**0.49**	**10.01**
Arochlor 1254	**1**	**93.51**	**0.0043**	**ND**	**0.49**	**10.01**
Arochlor 1260	**1**	**93.51**	**0.0038**	**ND**	**0.49**	**10.01**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location ;**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.57	0.0117	ND	0.49	10.47
Arochlor 1221	1	91.57	0.0215	ND	0.49	10.47
Arochlor 1232	1	91.57	0.0146	ND	0.49	10.47
Arochlor 1242	1	91.57	0.0167	ND	0.49	10.47
Arochlor 1248	1	91.57	0.0067	ND	0.49	10.47
Arochlor 1254	1	91.57	0.0042	ND	0.49	10.47
Arochlor 1260	1	91.57	0.0038	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5272.13 3/22/00 3/23/00 3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.87	0.0108	ND	0.49	10.94
Arochlor 1221	1	94.87	0.0198	ND	0.49	10.94
Arochlor 1232	1	94.87	0.0135	ND	0.49	10.94
Arochlor 1242	1	94.87	0.0154	ND	0.49	10.94
Arochlor 1248	1	94.87	0.0062	ND	0.49	10.94
Arochlor 1254	1	94.87	0.0039	ND	0.49	10.94
Arochlor 1260	1	94.87	0.0035	ND	0.49	10.94

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.41	0.0114	ND	0.49	10.75
Arochlor 1221	1	91.41	0.0210	ND	0.49	10.75
Arochlor 1232	1	91.41	0.0142	ND	0.49	10.75
Arochlor 1242	1	91.41	0.0163	ND	0.49	10.75
Arochlor 1248	1	91.41	0.0065	ND	0.49	10.75
Arochlor 1254	1	91.41	0.0041	ND	0.49	10.75
Arochlor 1260	1	91.41	0.0037	ND	0.49	10.75

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.51	0.0115	ND	0.49	10.90
Arochlor 1221	1	89.51	0.0211	ND	0.49	10.90
Arochlor 1232	1	89.51	0.0143	ND	0.49	10.90
Arochlor 1242	1	89.51	0.0164	ND	0.49	10.90
Arochlor 1248	1	89.51	0.0066	ND	0.49	10.90
Arochlor 1254	1	89.51	0.0041	ND	0.49	10.90
Arochlor 1260	1	89.51	0.0037	ND	0.49	10.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.52**	**0.0118**	**ND**	**0.49**	**10.71**
Arochlor 1221	**1**	**88.52**	**0.0217**	**ND**	**0.49**	**10.71**
Arochlor 1232	**1**	**88.52**	**0.0148**	**ND**	**0.49**	**10.71**
Arochlor 1242	**1**	**88.52**	**0.0169**	**ND**	**0.49**	**10.71**
Arochlor 1248	**1**	**88.52**	**0.0068**	**ND**	**0.49**	**10.71**
Arochlor 1254	**1**	**88.52**	**0.0042**	**ND**	**0.49**	**10.71**
Arochlor 1260	**1**	**88.52**	**0.0038**	**ND**	**0.49**	**10.71**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.76	0.0143	ND	0.49	9.71
Arochlor 1221	1	80.76	0.0263	ND	0.49	9.71
Arochlor 1232	1	80.76	0.0179	ND	0.49	9.71
Arochlor 1242	1	80.76	0.0204	ND	0.49	9.71
Arochlor 1248	1	80.76	0.0082	ND	0.49	9.71
Arochlor 1254	1	80.76	0.0051	ND	0.49	9.71
Arochlor 1260	1	80.76	0.0046	ND	0.49	9.71

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.67	0.0133	ND	0.49	10.15
Arochlor 1221	1	82.67	0.0246	ND	0.49	10.15
Arochlor 1232	1	82.67	0.0167	ND	0.49	10.15
Arochlor 1242	1	82.67	0.0191	ND	0.49	10.15
Arochlor 1248	1	82.67	0.0076	ND	0.49	10.15
Arochlor 1254	1	82.67	0.0048	ND	0.49	10.15
Arochlor 1260	1	82.67	0.0043	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.13	0.0129	ND	0.49	10.58
Arochlor 1221	1	82.13	0.0237	ND	0.49	10.58
Arochlor 1232	1	82.13	0.0161	ND	0.49	10.58
Arochlor 1242	1	82.13	0.0184	ND	0.49	10.58
Arochlor 1248	1	82.13	0.0074	ND	0.49	10.58
Arochlor 1254	1	82.13	0.0046	ND	0.49	10.58
Arochlor 1260	1	82.13	0.0041	ND	0.49	10.58

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	11F 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	27.03	0.0396	ND	0.49	10.47
Arochlor 1221	1	27.03	0.0728	ND	0.49	10.47
Arochlor 1232	1	27.03	0.0495	ND	0.49	10.47
Arochlor 1242	1	27.03	0.0565	ND	0.49	10.47
Arochlor 1248	1	27.03	0.0226	ND	0.49	10.47
Arochlor 1254	1	27.03	0.0141	ND	0.49	10.47
Arochlor 1260	1	27.03	0.0127	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**12**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**78.58**	**0.0140**	**0.079**	**0.49**	**10.21**
Arochlor 1221	**1**	**78.58**	**0.0257**	**ND**	**0.49**	**10.21**
Arochlor 1232	**1**	**78.58**	**0.0174**	**ND**	**0.49**	**10.21**
Arochlor 1242	**1**	**78.58**	**0.0199**	**ND**	**0.49**	**10.21**
Arochlor 1248	**1**	**78.58**	**0.0080**	**ND**	**0.49**	**10.21**
Arochlor 1254	**1**	**78.58**	**0.0050**	**ND**	**0.49**	**10.21**
Arochlor 1260	**1**	**78.58**	**0.0045**	**0.036**	**0.49**	**10.21**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**12**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.19	0.0129	0.195	0.49	10.60
Arochlor 1221	1	82.19	0.0236	ND	0.49	10.60
Arochlor 1232	1	82.19	0.0161	ND	0.49	10.60
Arochlor 1242	1	82.19	0.0184	ND	0.49	10.60
Arochlor 1248	1	82.19	0.0073	ND	0.49	10.60
Arochlor 1254	1	82.19	0.0046	ND	0.49	10.60
Arochlor 1260	1	82.19	0.0041	0.060	0.49	10.60

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	12 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.12	0.0137	0.272	0.49	10.37
Arochlor 1221	1	79.12	0.0251	ND	0.49	10.37
Arochlor 1232	1	79.12	0.0171	ND	0.49	10.37
Arochlor 1242	1	79.12	0.0195	ND	0.49	10.37
Arochlor 1248	1	79.12	0.0078	ND	0.49	10.37
Arochlor 1254	1	79.12	0.0049	ND	0.49	10.37
Arochlor 1260	1	79.12	0.0044	0.059	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**12**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.94**	**0.0121**	**ND**	**0.49**	**10.80**
Arochlor 1221	**1**	**85.94**	**0.0222**	**ND**	**0.49**	**10.80**
Arochlor 1232	**1**	**85.94**	**0.0151**	**ND**	**0.49**	**10.80**
Arochlor 1242	**1**	**85.94**	**0.0172**	**ND**	**0.49**	**10.80**
Arochlor 1248	**1**	**85.94**	**0.0069**	**ND**	**0.49**	**10.80**
Arochlor 1254	**1**	**85.94**	**0.0043**	**ND**	**0.49**	**10.80**
Arochlor 1260	**1**	**85.94**	**0.0039**	**ND**	**0.49**	**10.80**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**12**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.48	0.0123	ND	0.49	10.37
Arochlor 1221	1	87.48	0.0227	ND	0.49	10.37
Arochlor 1232	1	87.48	0.0154	ND	0.49	10.37
Arochlor 1242	1	87.48	0.0176	ND	0.49	10.37
Arochlor 1248	1	87.48	0.0071	ND	0.49	10.37
Arochlor 1254	1	87.48	0.0044	ND	0.49	10.37
Arochlor 1260	1	87.48	0.0040	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4290.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/22/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/3/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**12**
			60-66'

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.47	0.0126	ND	0.49	10.40
Arochlor 1221	1	85.47	0.0232	ND	0.49	10.40
Arochlor 1232	1	85.47	0.0158	ND	0.49	10.40
Arochlor 1242	1	85.47	0.0180	ND	0.49	10.40
Arochlor 1248	1	85.47	0.0072	ND	0.49	10.40
Arochlor 1254	1	85.47	0.0045	ND	0.49	10.40
Arochlor 1260	1	85.47	0.0041	ND	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.57	0.0138	ND	0.49	10.47
Arochlor 1221	1	77.57	0.0254	ND	0.49	10.47
Arochlor 1232	1	77.57	0.0172	ND	0.49	10.47
Arochlor 1242	1	77.57	0.0197	ND	0.49	10.47
Arochlor 1248	1	77.57	0.0079	ND	0.49	10.47
Arochlor 1254	1	77.57	0.0049	ND	0.49	10.47
Arochlor 1260	1	77.57	0.0044	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.87	0.0131	ND	0.49	10.59
Arochlor 1221	1	80.87	0.0241	ND	0.49	10.59
Arochlor 1232	1	80.87	0.0163	ND	0.49	10.59
Arochlor 1242	2	80.87	0.0374	5.596	0.49	10.59
Arochlor 1248	1	80.87	0.0075	ND	0.49	10.59
Arochlor 1254	1	80.87	0.0047	ND	0.49	10.59
Arochlor 1260	1	80.87	0.0042	ND	0.49	10.59

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.47	0.0129	ND	0.49	10.31
Arochlor 1221	1	84.47	0.0237	ND	0.49	10.31
Arochlor 1232	1	84.47	0.0161	ND	0.49	10.31
Arochlor 1242	1	84.47	0.0184	ND	0.49	10.31
Arochlor 1248	1	84.47	0.0073	ND	0.49	10.31
Arochlor 1254	1	84.47	0.0046	ND	0.49	10.31
Arochlor 1260	1	84.47	0.0041	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**66.99**	**0.0161**	**ND**	**0.49**	**10.36**
Arochlor 1221	**1**	**66.99**	**0.0297**	**ND**	**0.49**	**10.36**
Arochlor 1232	**1**	**66.99**	**0.0202**	**ND**	**0.49**	**10.36**
Arochlor 1242	**1**	**66.99**	**0.0231**	**ND**	**0.49**	**10.36**
Arochlor 1248	**1**	**66.99**	**0.0092**	**ND**	**0.49**	**10.36**
Arochlor 1254	**1**	**66.99**	**0.0058**	**ND**	**0.49**	**10.36**
Arochlor 1260	**1**	**66.99**	**0.0052**	**ND**	**0.49**	**10.36**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.84	0.0116	ND	0.49	10.77
Arochlor 1221	1	89.84	0.0213	ND	0.49	10.77
Arochlor 1232	1	89.84	0.0145	ND	0.49	10.77
Arochlor 1242	1	89.84	0.0165	ND	0.49	10.77
Arochlor 1248	1	89.84	0.0066	ND	0.49	10.77
Arochlor 1254	1	89.84	0.0041	ND	0.49	10.77
Arochlor 1260	1	89.84	0.0037	ND	0.49	10.77

ND = Not Detected
MDL = Method Detection Limit

Column Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-A 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.66	0.0122	ND	0.49	10.49
Arochlor 1221	1	87.66	0.0224	ND	0.49	10.49
Arochlor 1232	1	87.66	0.0152	ND	0.49	10.49
Arochlor 1242	1	87.66	0.0174	ND	0.49	10.49
Arochlor 1248	1	87.66	0.0070	ND	0.49	10.49
Arochlor 1254	1	87.66	0.0043	ND	0.49	10.49
Arochlor 1260	1	87.66	0.0039	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	71.92	0.0147	ND	0.49	10.59
Arochlor 1221	1	71.92	0.0270	ND	0.49	10.59
Arochlor 1232	1	71.92	0.0184	ND	0.49	10.59
Arochlor 1242	1	71.92	0.0210	ND	0.49	10.59
Arochlor 1248	1	71.92	0.0084	ND	0.49	10.59
Arochlor 1254	1	71.92	0.0053	ND	0.49	10.59
Arochlor 1260	1	71.92	0.0047	ND	0.49	10.59

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/25/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.06**	**0.0127**	**ND**	**0.49**	**10.37**
Arochlor 1221	**1**	**85.06**	**0.0234**	**ND**	**0.49**	**10.37**
Arochlor 1232	**1**	**85.06**	**0.0159**	**ND**	**0.49**	**10.37**
Arochlor 1242	**1**	**85.06**	**0.0181**	**ND**	**0.49**	**10.37**
Arochlor 1248	**1**	**85.06**	**0.0073**	**ND**	**0.49**	**10.37**
Arochlor 1254	**1**	**85.06**	**0.0045**	**ND**	**0.49**	**10.37**
Arochlor 1260	**1**	**85.06**	**0.0041**	**ND**	**0.49**	**10.37**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.30	0.0136	ND	0.49	9.92
Arochlor 1221	1	83.30	0.0249	ND	0.49	9.92
Arochlor 1232	1	83.30	0.0169	ND	0.49	9.92
Arochlor 1242	1	83.30	0.0194	ND	0.49	9.92
Arochlor 1248	1	83.30	0.0077	ND	0.49	9.92
Arochlor 1254	1	83.30	0.0048	ND	0.49	9.92
Arochlor 1260	1	83.30	0.0044	ND	0.49	9.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**82.83**	**0.0130**	**ND**	**0.49**	**10.44**
Arochlor 1221	**1**	**82.83**	**0.0238**	**ND**	**0.49**	**10.44**
Arochlor 1232	**1**	**82.83**	**0.0162**	**ND**	**0.49**	**10.44**
Arochlor 1242	**1**	**82.83**	**0.0185**	**ND**	**0.49**	**10.44**
Arochlor 1248	**1**	**82.83**	**0.0074**	**ND**	**0.49**	**10.44**
Arochlor 1254	**1**	**82.83**	**0.0046**	**ND**	**0.49**	**10.44**
Arochlor 1260	**1**	**82.83**	**0.0042**	**ND**	**0.49**	**10.44**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.88	0.0122	ND	0.49	10.47
Arochlor 1221	1	87.88	0.0224	ND	0.49	10.47
Arochlor 1232	1	87.88	0.0152	ND	0.49	10.47
Arochlor 1242	1	87.88	0.0174	ND	0.49	10.47
Arochlor 1248	1	87.88	0.0070	ND	0.49	10.47
Arochlor 1254	1	87.88	0.0043	ND	0.49	10.47
Arochlor 1260	1	87.88	0.0039	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.77	0.0123	ND	0.49	10.35
Arochlor 1221	1	87.77	0.0227	ND	0.49	10.35
Arochlor 1232	1	87.77	0.0154	ND	0.49	10.35
Arochlor 1242	1	87.77	0.0176	ND	0.49	10.35
Arochlor 1248	1	87.77	0.0070	ND	0.49	10.35
Arochlor 1254	1	87.77	0.0044	ND	0.49	10.35
Arochlor 1260	1	87.77	0.0040	ND	0.49	10.35

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	68.47	0.0157	ND	0.49	10.44
Arochlor 1221	1	68.47	0.0288	ND	0.49	10.44
Arochlor 1232	1	68.47	0.0196	ND	0.49	10.44
Arochlor 1242	1	68.47	0.0224	ND	0.49	10.44
Arochlor 1248	1	68.47	0.0090	ND	0.49	10.44
Arochlor 1254	1	68.47	0.0056	ND	0.49	10.44
Arochlor 1260	1	68.47	0.0050	ND	0.49	10.44

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.13	0.0122	ND	0.49	10.95
Arochlor 1221	1	84.13	0.0224	ND	0.49	10.95
Arochlor 1232	1	84.13	0.0152	ND	0.49	10.95
Arochlor 1242	1	84.13	0.0174	ND	0.49	10.95
Arochlor 1248	1	84.13	0.0069	ND	0.49	10.95
Arochlor 1254	1	84.13	0.0043	ND	0.49	10.95
Arochlor 1260	1	84.13	0.0039	ND	0.49	10.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.45	0.0121	ND	0.49	10.74
Arochlor 1221	1	86.45	0.0222	ND	0.49	10.74
Arochlor 1232	1	86.45	0.0151	ND	0.49	10.74
Arochlor 1242	1	86.45	0.0172	ND	0.49	10.74
Arochlor 1248	1	86.45	0.0069	ND	0.49	10.74
Arochlor 1254	1	86.45	0.0043	ND	0.49	10.74
Arochlor 1260	1	86.45	0.0039	ND	0.49	10.74

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.59	0.0127	ND	0.49	10.29
Arochlor 1221	1	85.59	0.0234	ND	0.49	10.29
Arochlor 1232	1	85.59	0.0159	ND	0.49	10.29
Arochlor 1242	1	85.59	0.0182	ND	0.49	10.29
Arochlor 1248	1	85.59	0.0073	ND	0.49	10.29
Arochlor 1254	1	85.59	0.0045	ND	0.49	10.29
Arochlor 1260	1	85.59	0.0041	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/ 32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.45	0.0121	ND	0.49	10.55
Arochlor 1221	1	87.45	0.0223	ND	0.49	10.55
Arochlor 1232	1	87.45	0.0152	ND	0.49	10.55
Arochlor 1242	1	87.45	0.0173	ND	0.49	10.55
Arochlor 1248	1	87.45	0.0069	ND	0.49	10.55
Arochlor 1254	1	87.45	0.0043	ND	0.49	10.55
Arochlor 1260	1	87.45	0.0039	ND	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/26/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/28/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12-C 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	62.03	0.0168	ND	0.49	10.77
Arochlor 1221	1	62.03	0.0308	ND	0.49	10.77
Arochlor 1232	1	62.03	0.0210	ND	0.49	10.77
Arochlor 1242	1	62.03	0.0239	ND	0.49	10.77
Arochlor 1248	1	62.03	0.0096	ND	0.49	10.77
Arochlor 1254	1	62.03	0.0060	ND	0.49	10.77
Arochlor 1260	1	62.03	0.0054	ND	0.49	10.77

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	63.49	0.0176	ND	0.49	10.03
Arochlor 1221	1	63.49	0.0323	ND	0.49	10.03
Arochlor 1232	1	63.49	0.0220	ND	0.49	10.03
Arochlor 1242	1	63.49	0.0251	ND	0.49	10.03
Arochlor 1248	1	63.49	0.0101	ND	0.49	10.03
Arochlor 1254	1	63.49	0.0063	ND	0.49	10.03
Arochlor 1260	1	63.49	0.0057	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	73.86	0.0150	ND	0.49	10.12
Arochlor 1221	1	73.86	0.0276	ND	0.49	10.12
Arochlor 1232	1	73.86	0.0187	ND	0.49	10.12
Arochlor 1242	1	73.86	0.0214	ND	0.49	10.12
Arochlor 1248	1	73.86	0.0086	ND	0.49	10.12
Arochlor 1254	1	73.86	0.0054	ND	0.49	10.12
Arochlor 1260	1	73.86	0.0048	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/ 32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.55	0.0137	ND	0.49	10.04
Arochlor 1221	1	81.55	0.0252	ND	0.49	10.04
Arochlor 1232	1	81.55	0.0171	ND	0.49	10.04
Arochlor 1242	1	81.55	0.0195	ND	0.49	10.04
Arochlor 1248	1	81.55	0.0078	ND	0.49	10.04
Arochlor 1254	1	81.55	0.0049	ND	0.49	10.04
Arochlor 1260	1	81.55	0.0044	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.64	0.0135	ND	0.49	10.27
Arochlor 1221	1	80.64	0.0249	ND	0.49	10.27
Arochlor 1232	1	80.64	0.0169	ND	0.49	10.27
Arochlor 1242	1	80.64	0.0193	ND	0.49	10.27
Arochlor 1248	1	80.64	0.0077	ND	0.49	10.27
Arochlor 1254	1	80.64	0.0048	ND	0.49	10.27
Arochlor 1260	1	80.64	0.0043	ND	0.49	10.27

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.08	0.0123	ND	0.49	10.09
Arochlor 1221	1	90.08	0.0227	ND	0.49	10.09
Arochlor 1232	1	90.08	0.0154	ND	0.49	10.09
Arochlor 1242	1	90.08	0.0176	ND	0.49	10.09
Arochlor 1248	1	90.08	0.0070	ND	0.49	10.09
Arochlor 1254	1	90.08	0.0044	ND	0.49	10.09
Arochlor 1260	1	90.08	0.0040	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/9/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.94	0.0128	ND	0.49	10.29
Arochlor 1221	1	84.94	0.0236	ND	0.49	10.29
Arochlor 1232	1	84.94	0.0160	ND	0.49	10.29
Arochlor 1242	1	84.94	0.0183	ND	0.49	10.29
Arochlor 1248	1	84.94	0.0073	ND	0.49	10.29
Arochlor 1254	1	84.94	0.0046	ND	0.49	10.29
Arochlor 1260	1	84.94	0.0041	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.43	0.0125	ND	0.49	10.14
Arochlor 1221	1	88.43	0.0230	ND	0.49	10.14
Arochlor 1232	1	88.43	0.0156	ND	0.49	10.14
Arochlor 1242	1	88.43	0.0178	ND	0.49	10.14
Arochlor 1248	1	88.43	0.0071	ND	0.49	10.14
Arochlor 1254	1	88.43	0.0045	ND	0.49	10.14
Arochlor 1260	1	88.43	0.0040	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**64.70**	**0.0171**	**ND**	**0.49**	**10.12**
Arochlor 1221	**1**	**64.70**	**0.0315**	**ND**	**0.49**	**10.12**
Arochlor 1232	**1**	**64.70**	**0.0214**	**ND**	**0.49**	**10.12**
Arochlor 1242	**1**	**64.70**	**0.0244**	**ND**	**0.49**	**10.12**
Arochlor 1248	**1**	**64.70**	**0.0098**	**ND**	**0.49**	**10.12**
Arochlor 1254	**1**	**64.70**	**0.0061**	**ND**	**0.49**	**10.12**
Arochlor 1260	**1**	**64.70**	**0.0055**	**ND**	**0.49**	**10.12**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000519

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	52.68	0.0206	ND	0.49	10.31
Arochlor 1221	1	52.68	0.0379	ND	0.49	10.31
Arochlor 1232	1	52.68	0.0258	ND	0.49	10.31
Arochlor 1242	1	52.68	0.0295	ND	0.49	10.31
Arochlor 1248	1	52.68	0.0118	ND	0.49	10.31
Arochlor 1254	1	52.68	0.0074	ND	0.49	10.31
Arochlor 1260	1	52.68	0.0066	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000320

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/16/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12D 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**47.97**	**0.0233**	**ND**	**0.49**	**10.00**
Arochlor 1221	**1**	**47.97**	**0.0429**	**ND**	**0.49**	**10.00**
Arochlor 1232	**1**	**47.97**	**0.0292**	**ND**	**0.49**	**10.00**
Arochlor 1242	**1**	**47.97**	**0.0334**	**ND**	**0.49**	**10.00**
Arochlor 1248	**1**	**47.97**	**0.0133**	**ND**	**0.49**	**10.00**
Arochlor 1254	**1**	**47.97**	**0.0083**	**ND**	**0.49**	**10.00**
Arochlor 1260	**1**	**47.97**	**0.0075**	**ND**	**0.49**	**10.00**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.49
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	68.15	0.0163	ND	0.49	10.08
Arochlor 1221	1	68.15	0.0300	ND	0.49	10.08
Arochlor 1232	1	68.15	0.0204	ND	0.49	10.08
Arochlor 1242	1	68.15	0.0233	ND	0.49	10.08
Arochlor 1248	1	68.15	0.0093	ND	0.49	10.08
Arochlor 1254	1	68.15	0.0058	ND	0.49	10.08
Arochlor 1260	1	68.15	0.0052	ND	0.49	10.08

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000522

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.31	0.0130	ND	0.49	10.24
Arochlor 1221	1	84.31	0.0239	ND	0.49	10.24
Arochlor 1232	1	84.31	0.0162	ND	0.49	10.24
Arochlor 1242	1	84.31	0.0185	ND	0.49	10.24
Arochlor 1248	1	84.31	0.0074	ND	0.49	10.24
Arochlor 1254	1	84.31	0.0046	ND	0.49	10.24
Arochlor 1260	1	84.31	0.0042	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.51
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.22	0.0120	ND	0.49	10.46
Arochlor 1221	1	89.22	0.0221	ND	0.49	10.46
Arochlor 1232	1	89.22	0.0150	ND	0.49	10.46
Arochlor 1242	1	89.22	0.0171	ND	0.49	10.46
Arochlor 1248	1	89.22	0.0069	ND	0.49	10.46
Arochlor 1254	1	89.22	0.0043	ND	0.49	10.46
Arochlor 1260	1	89.22	0.0039	ND	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.52
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**92.20**	**0.0119**	**ND**	**0.49**	**10.18**
Arochlor 1221	**1**	**92.20**	**0.0219**	**ND**	**0.49**	**10.18**
Arochlor 1232	**1**	**92.20**	**0.0149**	**ND**	**0.49**	**10.18**
Arochlor 1242	**1**	**92.20**	**0.0170**	**ND**	**0.49**	**10.18**
Arochlor 1248	**1**	**92.20**	**0.0068**	**ND**	**0.49**	**10.18**
Arochlor 1254	**1**	**92.20**	**0.0043**	**ND**	**0.49**	**10.18**
Arochlor 1260	**1**	**92.20**	**0.0038**	**ND**	**0.49**	**10.18**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.53
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.25	0.0119	ND	0.49	10.28
Arochlor 1221	1	91.25	0.0220	ND	0.49	10.28
Arochlor 1232	1	91.25	0.0149	ND	0.49	10.28
Arochlor 1242	1	91.25	0.0171	ND	0.49	10.28
Arochlor 1248	1	91.25	0.0068	ND	0.49	10.28
Arochlor 1254	1	91.25	0.0043	ND	0.49	10.28
Arochlor 1260	1	91.25	0.0038	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.54
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.86	0.0121	ND	0.49	10.32
Arochlor 1221	1	89.86	0.0222	ND	0.49	10.32
Arochlor 1232	1	89.86	0.0151	ND	0.49	10.32
Arochlor 1242	1	89.86	0.0173	ND	0.49	10.32
Arochlor 1248	1	89.86	0.0069	ND	0.49	10.32
Arochlor 1254	1	89.86	0.0043	ND	0.49	10.32
Arochlor 1260	1	89.86	0.0039	ND	0.49	10.32

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.55
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.58	0.0130	ND	0.49	10.15
Arochlor 1221	1	84.58	0.0240	ND	0.49	10.15
Arochlor 1232	1	84.58	0.0163	ND	0.49	10.15
Arochlor 1242	1	84.58	0.0186	ND	0.49	10.15
Arochlor 1248	1	84.58	0.0075	ND	0.49	10.15
Arochlor 1254	1	84.58	0.0047	ND	0.49	10.15
Arochlor 1260	1	84.58	0.0042	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.56
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.17	0.0140	ND	0.49	10.14
Arochlor 1221	1	79.17	0.0257	ND	0.49	10.14
Arochlor 1232	1	79.17	0.0174	ND	0.49	10.14
Arochlor 1242	1	79.17	0.0199	ND	0.49	10.14
Arochlor 1248	1	79.17	0.0080	ND	0.49	10.14
Arochlor 1254	1	79.17	0.0050	ND	0.49	10.14
Arochlor 1260	1	79.17	0.0045	ND	0.49	10.14

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

0005288

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.57
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.42	0.0197	ND	0.49	10.44
Arochlor 1221	1	54.42	0.0363	ND	0.49	10.44
Arochlor 1232	1	54.42	0.0246	ND	0.49	10.44
Arochlor 1242	1	54.42	0.0282	ND	0.49	10.44
Arochlor 1248	1	54.42	0.0113	ND	0.49	10.44
Arochlor 1254	1	54.42	0.0070	ND	0.49	10.44
Arochlor 1260	1	54.42	0.0063	2.315	0.49	10.44

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.58
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12E 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**60.21**	**0.0181**	**ND**	**0.49**	**10.25**
Arochlor 1221	**1**	**60.21**	**0.0334**	**ND**	**0.49**	**10.25**
Arochlor 1232	**1**	**60.21**	**0.0227**	**ND**	**0.49**	**10.25**
Arochlor 1242	**1**	**60.21**	**0.0259**	**ND**	**0.49**	**10.25**
Arochlor 1248	**1**	**60.21**	**0.0104**	**ND**	**0.49**	**10.25**
Arochlor 1254	**1**	**60.21**	**0.0065**	**9.961**	**0.49**	**10.25**
Arochlor 1260	**1**	**60.21**	**0.0058**	**ND**	**0.49**	**10.25**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.59
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	75.67	0.0146	ND	0.49	10.16
Arochlor 1221	1	75.67	0.0268	ND	0.49	10.16
Arochlor 1232	1	75.67	0.0182	ND	0.49	10.16
Arochlor 1242	1	75.67	0.0208	1.167	0.49	10.16
Arochlor 1248	1	75.67	0.0083	ND	0.49	10.16
Arochlor 1254	1	75.67	0.0052	ND	0.49	10.16
Arochlor 1260	1	75.67	0.0047	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.60
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.15**	**0.0130**	**ND**	**0.49**	**10.40**
Arochlor 1221	**1**	**83.15**	**0.0238**	**ND**	**0.49**	**10.40**
Arochlor 1232	**1**	**83.15**	**0.0162**	**ND**	**0.49**	**10.40**
Arochlor 1242	**1**	**83.15**	**0.0185**	**ND**	**0.49**	**10.40**
Arochlor 1248	**1**	**83.15**	**0.0074**	**ND**	**0.49**	**10.40**
Arochlor 1254	**1**	**83.15**	**0.0046**	**ND**	**0.49**	**10.40**
Arochlor 1260	**1**	**83.15**	**0.0042**	**ND**	**0.49**	**10.40**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.61
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.64**	**0.0120**	**ND**	**0.49**	**10.29**
Arochlor 1221	**1**	**90.64**	**0.0221**	**ND**	**0.49**	**10.29**
Arochlor 1232	**1**	**90.64**	**0.0150**	**ND**	**0.49**	**10.29**
Arochlor 1242	**1**	**90.64**	**0.0172**	**ND**	**0.49**	**10.29**
Arochlor 1248	**1**	**90.64**	**0.0069**	**ND**	**0.49**	**10.29**
Arochlor 1254	**1**	**90.64**	**0.0043**	**ND**	**0.49**	**10.29**
Arochlor 1260	**1**	**90.64**	**0.0039**	**ND**	**0.49**	**10.29**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.62
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.33**	**0.0119**	**ND**	**0.49**	**10.42**
Arochlor 1221	**1**	**90.33**	**0.0219**	**ND**	**0.49**	**10.42**
Arochlor 1232	**1**	**90.33**	**0.0149**	**ND**	**0.49**	**10.42**
Arochlor 1242	**1**	**90.33**	**0.0170**	**ND**	**0.49**	**10.42**
Arochlor 1248	**1**	**90.33**	**0.0068**	**ND**	**0.49**	**10.42**
Arochlor 1254	**1**	**90.33**	**0.0042**	**ND**	**0.49**	**10.42**
Arochlor 1260	**1**	**90.33**	**0.0038**	**ND**	**0.49**	**10.42**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.63
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.09	0.0134	ND	0.49	10.21
Arochlor 1221	1	82.09	0.0246	ND	0.49	10.21
Arochlor 1232	1	82.09	0.0167	ND	0.49	10.21
Arochlor 1242	1	82.09	0.0191	ND	0.49	10.21
Arochlor 1248	1	82.09	0.0076	ND	0.49	10.21
Arochlor 1254	1	82.09	0.0048	ND	0.49	10.21
Arochlor 1260	1	82.09	0.0043	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.64
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**82.05**	**0.0135**	**ND**	**0.49**	**10.13**
Arochlor 1221	**1**	**82.05**	**0.0248**	**ND**	**0.49**	**10.13**
Arochlor 1232	**1**	**82.05**	**0.0168**	**ND**	**0.49**	**10.13**
Arochlor 1242	**1**	**82.05**	**0.0193**	**ND**	**0.49**	**10.13**
Arochlor 1248	**1**	**82.05**	**0.0077**	**ND**	**0.49**	**10.13**
Arochlor 1254	**1**	**82.05**	**0.0048**	**ND**	**0.49**	**10.13**
Arochlor 1260	**1**	**82.05**	**0.0043**	**ND**	**0.49**	**10.13**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.65
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.58	0.0129	ND	0.49	10.00
Arochlor 1221	1	86.58	0.0238	ND	0.49	10.00
Arochlor 1232	1	86.58	0.0162	ND	0.49	10.00
Arochlor 1242	1	86.58	0.0185	ND	0.49	10.00
Arochlor 1248	1	86.58	0.0074	ND	0.49	10.00
Arochlor 1254	1	86.58	0.0046	ND	0.49	10.00
Arochlor 1260	1	86.58	0.0042	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.66
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**60.60**	**0.0182**	**ND**	**0.49**	**10.15**
Arochlor 1221	**1**	**60.60**	**0.0335**	**ND**	**0.49**	**10.15**
Arochlor 1232	**1**	**60.60**	**0.0228**	**ND**	**0.49**	**10.15**
Arochlor 1242	**1**	**60.60**	**0.0260**	**ND**	**0.49**	**10.15**
Arochlor 1248	**1**	**60.60**	**0.0104**	**ND**	**0.49**	**10.15**
Arochlor 1254	**1**	**60.60**	**0.0065**	**ND**	**0.49**	**10.15**
Arochlor 1260	**1**	**60.60**	**0.0059**	**ND**	**0.49**	**10.15**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.67
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	53.34	0.0204	ND	0.49	10.30
Arochlor 1221	1	53.34	0.0375	ND	0.49	10.30
Arochlor 1232	1	53.34	0.0255	ND	0.49	10.30
Arochlor 1242	1	53.34	0.0291	ND	0.49	10.30
Arochlor 1248	1	53.34	0.0116	ND	0.49	10.30
Arochlor 1254	1	53.34	0.0073	1.985	0.49	10.30
Arochlor 1260	1	53.34	0.0066	ND	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.68
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12F 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.14	0.0138	ND	0.49	10.03
Arochlor 1221	1	81.14	0.0253	ND	0.49	10.03
Arochlor 1232	1	81.14	0.0172	ND	0.49	10.03
Arochlor 1242	1	81.14	0.0197	ND	0.49	10.03
Arochlor 1248	1	81.14	0.0079	ND	0.49	10.03
Arochlor 1254	1	81.14	0.0049	ND	0.49	10.03
Arochlor 1260	1	81.14	0.0044	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.41
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	75.09	0.0146	ND	0.49	10.20
Arochlor 1221	1	75.09	0.0269	ND	0.49	10.20
Arochlor 1232	1	75.09	0.0183	ND	0.49	10.20
Arochlor 1242	1	75.09	0.0209	ND	0.49	10.20
Arochlor 1248	1	75.09	0.0084	ND	0.49	10.20
Arochlor 1254	1	75.09	0.0052	0.556	0.49	10.20
Arochlor 1260	1	75.09	0.0047	ND	0.49	10.20

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.35	0.0123	ND	0.49	10.21
Arochlor 1221	1	89.35	0.0226	ND	0.49	10.21
Arochlor 1232	1	89.35	0.0153	ND	0.49	10.21
Arochlor 1242	1	89.35	0.0175	ND	0.49	10.21
Arochlor 1248	1	89.35	0.0070	ND	0.49	10.21
Arochlor 1254	1	89.35	0.0044	ND	0.49	10.21
Arochlor 1260	1	89.35	0.0039	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.43
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.80	0.0112	ND	0.49	10.99
Arochlor 1221	1	90.80	0.0206	ND	0.49	10.99
Arochlor 1232	1	90.80	0.0140	ND	0.49	10.99
Arochlor 1242	1	90.80	0.0160	ND	0.49	10.99
Arochlor 1248	1	90.80	0.0064	ND	0.49	10.99
Arochlor 1254	1	90.80	0.0040	ND	0.49	10.99
Arochlor 1260	1	90.80	0.0036	ND	0.49	10.99

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.24	0.0126	ND	0.49	10.09
Arochlor 1221	1	88.24	0.0231	ND	0.49	10.09
Arochlor 1232	1	88.24	0.0157	ND	0.49	10.09
Arochlor 1242	1	88.24	0.0180	ND	0.49	10.09
Arochlor 1248	1	88.24	0.0072	ND	0.49	10.09
Arochlor 1254	1	88.24	0.0045	ND	0.49	10.09
Arochlor 1260	1	88.24	0.0040	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.45
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	53.37	0.0196	ND	0.49	10.70
Arochlor 1221	1	53.37	0.0361	ND	0.49	10.70
Arochlor 1232	1	53.37	0.0245	ND	0.49	10.70
Arochlor 1242	1	53.37	0.0280	ND	0.49	10.70
Arochlor 1248	1	53.37	0.0112	ND	0.49	10.70
Arochlor 1254	1	53.37	0.0070	ND	0.49	10.70
Arochlor 1260	1	53.37	0.0063	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	46.63	0.0237	ND	0.49	10.15
Arochlor 1221	1	46.63	0.0435	ND	0.49	10.15
Arochlor 1232	1	46.63	0.0296	ND	0.49	10.15
Arochlor 1242	1	46.63	0.0338	ND	0.49	10.15
Arochlor 1248	1	46.63	0.0135	ND	0.49	10.15
Arochlor 1254	1	46.63	0.0085	ND	0.49	10.15
Arochlor 1260	1	46.63	0.0076	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.47
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	45.31	0.0238	ND	0.49	10.40
Arochlor 1221	1	45.31	0.0437	ND	0.49	10.40
Arochlor 1232	1	45.31	0.0297	ND	0.49	10.40
Arochlor 1242	1	45.31	0.0340	ND	0.49	10.40
Arochlor 1248	1	45.31	0.0136	ND	0.49	10.40
Arochlor 1254	1	45.31	0.0085	ND	0.49	10.40
Arochlor 1260	1	45.31	0.0076	ND	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	57.80	0.0181	ND	0.49	10.73
Arochlor 1221	1	57.80	0.0332	ND	0.49	10.73
Arochlor 1232	1	57.80	0.0226	ND	0.49	10.73
Arochlor 1242	1	57.80	0.0258	ND	0.49	10.73
Arochlor 1248	1	57.80	0.0103	ND	0.49	10.73
Arochlor 1254	1	57.80	0.0064	ND	0.49	10.73
Arochlor 1260	1	57.80	0.0058	ND	0.49	10.73

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.49
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	39.87	0.0273	ND	0.49	10.30
Arochlor 1221	1	39.87	0.0502	ND	0.49	10.30
Arochlor 1232	1	39.87	0.0341	ND	0.49	10.30
Arochlor 1242	1	39.87	0.0390	ND	0.49	10.30
Arochlor 1248	1	39.87	0.0156	ND	0.49	10.30
Arochlor 1254	1	39.87	0.0097	ND	0.49	10.30
Arochlor 1260	1	39.87	0.0088	ND	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12G 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	43.97	0.0233	ND	0.49	10.93
Arochlor 1221	1	43.97	0.0429	ND	0.49	10.93
Arochlor 1232	1	43.97	0.0291	ND	0.49	10.93
Arochlor 1242	1	43.97	0.0333	ND	0.49	10.93
Arochlor 1248	1	43.97	0.0133	ND	0.49	10.93
Arochlor 1254	1	43.97	0.0083	ND	0.49	10.93
Arochlor 1260	1	43.97	0.0075	ND	0.49	10.93

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.06	0.0124	ND	0.49	10.28
Arochlor 1221	1	88.06	0.0228	ND	0.49	10.28
Arochlor 1232	1	88.06	0.0155	ND	0.49	10.28
Arochlor 1242	1	88.06	0.0177	0.496	0.49	10.28
Arochlor 1248	1	88.06	0.0071	ND	0.49	10.28
Arochlor 1254	1	88.06	0.0044	ND	0.49	10.28
Arochlor 1260	1	88.06	0.0040	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.04	0.0110	ND	0.49	10.90
Arochlor 1221	1	93.04	0.0203	ND	0.49	10.90
Arochlor 1232	1	93.04	0.0138	ND	0.49	10.90
Arochlor 1242	1	93.04	0.0158	ND	0.49	10.90
Arochlor 1248	1	93.04	0.0063	ND	0.49	10.90
Arochlor 1254	1	93.04	0.0039	ND	0.49	10.90
Arochlor 1260	1	93.04	0.0035	ND	0.49	10.90

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.33
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.07	0.0120	ND	0.49	10.10
Arochlor 1221	1	92.07	0.0222	ND	0.49	10.10
Arochlor 1232	1	92.07	0.0151	ND	0.49	10.10
Arochlor 1242	1	92.07	0.0172	ND	0.49	10.10
Arochlor 1248	1	92.07	0.0069	ND	0.49	10.10
Arochlor 1254	1	92.07	0.0043	ND	0.49	10.10
Arochlor 1260	1	92.07	0.0039	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.58**	**0.0122**	**ND**	**0.49**	**10.81**
Arochlor 1221	**1**	**84.58**	**0.0225**	**ND**	**0.49**	**10.81**
Arochlor 1232	**1**	**84.58**	**0.0153**	**ND**	**0.49**	**10.81**
Arochlor 1242	**1**	**84.58**	**0.0175**	**ND**	**0.49**	**10.81**
Arochlor 1248	**1**	**84.58**	**0.0070**	**ND**	**0.49**	**10.81**
Arochlor 1254	**1**	**84.58**	**0.0044**	**ND**	**0.49**	**10.81**
Arochlor 1260	**1**	**84.58**	**0.0039**	**ND**	**0.49**	**10.81**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5272.35 3/22/00 3/24/00 3/25/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 12H 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	51.49	0.0217	ND	0.49	10.03
Arochlor 1221	1	51.49	0.0399	ND	0.49	10.03
Arochlor 1232	1	51.49	0.0271	ND	0.49	10.03
Arochlor 1242	1	51.49	0.0310	ND	0.49	10.03
Arochlor 1248	1	51.49	0.0124	ND	0.49	10.03
Arochlor 1254	1	51.49	0.0077	1.533	0.49	10.03
Arochlor 1260	1	51.49	0.0070	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**77.48**	**0.0137**	**ND**	**0.49**	**10.54**
Arochlor 1221	**1**	**77.48**	**0.0252**	**ND**	**0.49**	**10.54**
Arochlor 1232	**1**	**77.48**	**0.0171**	**ND**	**0.49**	**10.54**
Arochlor 1242	**1**	**77.48**	**0.0196**	**ND**	**0.49**	**10.54**
Arochlor 1248	**1**	**77.48**	**0.0078**	**ND**	**0.49**	**10.54**
Arochlor 1254	**1**	**77.48**	**0.0049**	**1.885**	**0.49**	**10.54**
Arochlor 1260	**1**	**77.48**	**0.0044**	**ND**	**0.49**	**10.54**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.37
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.78	0.0132	ND	0.49	10.13
Arochlor 1221	1	83.78	0.0243	ND	0.49	10.13
Arochlor 1232	1	83.78	0.0165	ND	0.49	10.13
Arochlor 1242	1	83.78	0.0189	ND	0.49	10.13
Arochlor 1248	1	83.78	0.0075	ND	0.49	10.13
Arochlor 1254	1	83.78	0.0047	ND	0.49	10.13
Arochlor 1260	1	83.78	0.0042	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	62.63	0.0176	ND	0.49	10.16
Arochlor 1221	1	62.63	0.0324	ND	0.49	10.16
Arochlor 1232	1	62.63	0.0220	ND	0.49	10.16
Arochlor 1242	1	62.63	0.0251	ND	0.49	10.16
Arochlor 1248	1	62.63	0.0101	ND	0.49	10.16
Arochlor 1254	1	62.63	0.0063	ND	0.49	10.16
Arochlor 1260	1	62.63	0.0057	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	48.69	0.0227	ND	0.49	10.15
Arochlor 1221	1	48.69	0.0417	ND	0.49	10.15
Arochlor 1232	1	48.69	0.0283	ND	0.49	10.15
Arochlor 1242	1	48.69	0.0324	ND	0.49	10.15
Arochlor 1248	1	48.69	0.0130	ND	0.49	10.15
Arochlor 1254	1	48.69	0.0081	ND	0.49	10.15
Arochlor 1260	1	48.69	0.0073	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12H 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**49.82**	**0.0221**	**ND**	**0.49**	**10.15**
Arochlor 1221	**1**	**49.82**	**0.0407**	**ND**	**0.49**	**10.15**
Arochlor 1232	**1**	**49.82**	**0.0277**	**ND**	**0.49**	**10.15**
Arochlor 1242	**1**	**49.82**	**0.0316**	**ND**	**0.49**	**10.15**
Arochlor 1248	**1**	**49.82**	**0.0127**	**ND**	**0.49**	**10.15**
Arochlor 1254	**1**	**49.82**	**0.0079**	**ND**	**0.49**	**10.15**
Arochlor 1260	**1**	**49.82**	**0.0071**	**ND**	**0.49**	**10.15**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.51	0.0128	ND	0.49	10.45
Arochlor 1221	1	83.51	0.0236	ND	0.49	10.45
Arochlor 1232	1	83.51	0.0160	ND	0.49	10.45
Arochlor 1242	1	83.51	0.0183	ND	0.49	10.45
Arochlor 1248	1	83.51	0.0073	ND	0.49	10.45
Arochlor 1254	10	83.51	0.0458	6.697	0.49	10.45
Arochlor 1260	1	83.51	0.0041	ND	0.49	10.45

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.68**	**0.0122**	**ND**	**0.49**	**10.20**
Arochlor 1221	**1**	**89.68**	**0.0225**	**ND**	**0.49**	**10.20**
Arochlor 1232	**1**	**89.68**	**0.0153**	**ND**	**0.49**	**10.20**
Arochlor 1242	**1**	**89.68**	**0.0175**	**ND**	**0.49**	**10.20**
Arochlor 1248	**1**	**89.68**	**0.0070**	**ND**	**0.49**	**10.20**
Arochlor 1254	**1**	**89.68**	**0.0044**	**ND**	**0.49**	**10.20**
Arochlor 1260	**1**	**89.68**	**0.0039**	**ND**	**0.49**	**10.20**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.86	0.0117	ND	0.49	10.42
Arochlor 1221	1	91.86	0.0215	ND	0.49	10.42
Arochlor 1232	1	91.86	0.0146	ND	0.49	10.42
Arochlor 1242	1	91.86	0.0167	ND	0.49	10.42
Arochlor 1248	1	91.86	0.0067	ND	0.49	10.42
Arochlor 1254	1	91.86	0.0042	ND	0.49	10.42
Arochlor 1260	1	91.86	0.0038	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**92.90**	**0.0112**	**ND**	**0.49**	**10.74**
Arochlor 1221	**1**	**92.90**	**0.0206**	**ND**	**0.49**	**10.74**
Arochlor 1232	**1**	**92.90**	**0.0140**	**ND**	**0.49**	**10.74**
Arochlor 1242	**1**	**92.90**	**0.0160**	**ND**	**0.49**	**10.74**
Arochlor 1248	**1**	**92.90**	**0.0064**	**ND**	**0.49**	**10.74**
Arochlor 1254	**1**	**92.90**	**0.0040**	**ND**	**0.49**	**10.74**
Arochlor 1260	**1**	**92.90**	**0.0036**	**ND**	**0.49**	**10.74**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5272.25 3/22/00 3/23/00 3/25/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 12I 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.64	0.0122	ND	0.49	10.01
Arochlor 1221	1	91.64	0.0225	ND	0.49	10.01
Arochlor 1232	1	91.64	0.0153	ND	0.49	10.01
Arochlor 1242	1	91.64	0.0174	ND	0.49	10.01
Arochlor 1248	1	91.64	0.0070	ND	0.49	10.01
Arochlor 1254	1	91.64	0.0044	ND	0.49	10.01
Arochlor 1260	1	91.64	0.0039	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**44.47**	**0.0238**	**ND**	**0.49**	**10.58**
Arochlor 1221	**1**	**44.47**	**0.0438**	**ND**	**0.49**	**10.58**
Arochlor 1232	**1**	**44.47**	**0.0298**	**ND**	**0.49**	**10.58**
Arochlor 1242	**1**	**44.47**	**0.0340**	**ND**	**0.49**	**10.58**
Arochlor 1248	**1**	**44.47**	**0.0136**	**ND**	**0.49**	**10.58**
Arochlor 1254	**1**	**44.47**	**0.0085**	**ND**	**0.49**	**10.58**
Arochlor 1260	**1**	**44.47**	**0.0077**	**ND**	**0.49**	**10.58**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**33.56**	**0.0314**	**ND**	**0.49**	**10.63**
Arochlor 1221	**1**	**33.56**	**0.0577**	**ND**	**0.49**	**10.63**
Arochlor 1232	**1**	**33.56**	**0.0392**	**ND**	**0.49**	**10.63**
Arochlor 1242	**1**	**33.56**	**0.0449**	**ND**	**0.49**	**10.63**
Arochlor 1248	**1**	**33.56**	**0.0179**	**ND**	**0.49**	**10.63**
Arochlor 1254	**1**	**33.56**	**0.0112**	**ND**	**0.49**	**10.63**
Arochlor 1260	**1**	**33.56**	**0.0101**	**ND**	**0.49**	**10.63**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	34.89	0.0305	ND	0.49	10.54
Arochlor 1221	1	34.89	0.0560	ND	0.49	10.54
Arochlor 1232	1	34.89	0.0381	ND	0.49	10.54
Arochlor 1242	1	34.89	0.0435	ND	0.49	10.54
Arochlor 1248	1	34.89	0.0174	ND	0.49	10.54
Arochlor 1254	1	34.89	0.0109	ND	0.49	10.54
Arochlor 1260	1	34.89	0.0098	ND	0.49	10.54

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/23/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	33.33	0.0326	ND	0.49	10.31
Arochlor 1221	1	33.33	0.0599	ND	0.49	10.31
Arochlor 1232	1	33.33	0.0407	ND	0.49	10.31
Arochlor 1242	1	33.33	0.0466	ND	0.49	10.31
Arochlor 1248	1	33.33	0.0186	ND	0.49	10.31
Arochlor 1254	1	33.33	0.0116	ND	0.49	10.31
Arochlor 1260	1	33.33	0.0105	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5272.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/22/00
	Bldg. 173	**Extraction Date:**	3/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	12I 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**25.86**	**0.0438**	**ND**	**0.49**	**9.89**
Arochlor 1221	**1**	**25.86**	**0.0805**	**ND**	**0.49**	**9.89**
Arochlor 1232	**1**	**25.86**	**0.0547**	**ND**	**0.49**	**9.89**
Arochlor 1242	**1**	**25.86**	**0.0626**	**ND**	**0.49**	**9.89**
Arochlor 1248	**1**	**25.86**	**0.0250**	**ND**	**0.49**	**9.89**
Arochlor 1254	**1**	**25.86**	**0.0156**	**ND**	**0.49**	**9.89**
Arochlor 1260	**1**	**25.86**	**0.0141**	**ND**	**0.49**	**9.89**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.82	0.0135	ND	0.49	10.17
Arochlor 1221	1	81.82	0.0248	ND	0.49	10.17
Arochlor 1232	1	81.82	0.0168	ND	0.49	10.17
Arochlor 1242	1	81.82	0.0192	ND	0.49	10.17
Arochlor 1248	1	81.82	0.0077	ND	0.49	10.17
Arochlor 1254	1	81.82	0.0048	ND	0.49	10.17
Arochlor 1260	1	81.82	0.0043	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**13**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.37**	**0.0118**	**ND**	**0.49**	**10.43**
Arochlor 1221	**1**	**91.37**	**0.0216**	**ND**	**0.49**	**10.43**
Arochlor 1232	**1**	**91.37**	**0.0147**	**ND**	**0.49**	**10.43**
Arochlor 1242	**1**	**91.37**	**0.0168**	**ND**	**0.49**	**10.43**
Arochlor 1248	**1**	**91.37**	**0.0067**	**ND**	**0.49**	**10.43**
Arochlor 1254	**1**	**91.37**	**0.0042**	**ND**	**0.49**	**10.43**
Arochlor 1260	**1**	**91.37**	**0.0038**	**ND**	**0.49**	**10.43**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/24/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/4/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**13**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.79**	**0.0127**	**ND**	**0.49**	**10.18**
Arochlor 1221	**1**	**86.79**	**0.0233**	**ND**	**0.49**	**10.18**
Arochlor 1232	**1**	**86.79**	**0.0158**	**ND**	**0.49**	**10.18**
Arochlor 1242	**1**	**86.79**	**0.0181**	**ND**	**0.49**	**10.18**
Arochlor 1248	**1**	**86.79**	**0.0072**	**ND**	**0.49**	**10.18**
Arochlor 1254	**1**	**86.79**	**0.0045**	**ND**	**0.49**	**10.18**
Arochlor 1260	**1**	**86.79**	**0.0041**	**ND**	**0.49**	**10.18**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**13**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.00	0.0123	ND	0.49	10.55
Arochlor 1221	1	86.00	0.0227	ND	0.49	10.55
Arochlor 1232	1	86.00	0.0154	ND	0.49	10.55
Arochlor 1242	1	86.00	0.0176	ND	0.49	10.55
Arochlor 1248	1	86.00	0.0071	ND	0.49	10.55
Arochlor 1254	1	86.00	0.0044	ND	0.49	10.55
Arochlor 1260	1	86.00	0.0040	ND	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.60	0.0138	0.915	0.49	10.21
Arochlor 1221	1	79.60	0.0253	ND	0.49	10.21
Arochlor 1232	1	79.60	0.0172	ND	0.49	10.21
Arochlor 1242	1	79.60	0.0197	ND	0.49	10.21
Arochlor 1248	1	79.60	0.0079	ND	0.49	10.21
Arochlor 1254	1	79.60	0.0049	ND	0.49	10.21
Arochlor 1260	1	79.60	0.0044	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**13**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	49.95	0.0211	3.170	0.49	10.61
Arochlor 1221	1	49.95	0.0389	ND	0.49	10.61
Arochlor 1232	1	49.95	0.0264	ND	0.49	10.61
Arochlor 1242	1	49.95	0.0302	ND	0.49	10.61
Arochlor 1248	1	49.95	0.0121	ND	0.49	10.61
Arochlor 1254	1	49.95	0.0075	ND	0.49	10.61
Arochlor 1260	1	49.95	0.0068	1.491	0.49	10.61

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.45
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	13 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.69	0.0110	ND	0.49	10.88
Arochlor 1221	1	93.69	0.0202	ND	0.49	10.88
Arochlor 1232	1	93.69	0.0137	ND	0.49	10.88
Arochlor 1242	1	93.69	0.0157	ND	0.49	10.88
Arochlor 1248	1	93.69	0.0063	ND	0.49	10.88
Arochlor 1254	1	93.69	0.0039	ND	0.49	10.88
Arochlor 1260	1	93.69	0.0035	ND	0.49	10.88

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000377

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.46
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	13 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**96.42**	**0.0115**	**ND**	**0.49**	**10.12**
Arochlor 1221	**1**	**96.42**	**0.0211**	**ND**	**0.49**	**10.12**
Arochlor 1232	**1**	**96.42**	**0.0143**	**ND**	**0.49**	**10.12**
Arochlor 1242	**1**	**96.42**	**0.0164**	**ND**	**0.49**	**10.12**
Arochlor 1248	**1**	**96.42**	**0.0066**	**ND**	**0.49**	**10.12**
Arochlor 1254	**1**	**96.42**	**0.0041**	**ND**	**0.49**	**10.12**
Arochlor 1260	**1**	**96.42**	**0.0037**	**ND**	**0.49**	**10.12**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.47
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	13 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	96.56	0.0107	ND	0.49	10.84
Arochlor 1221	1	96.56	0.0197	ND	0.49	10.84
Arochlor 1232	1	96.56	0.0134	ND	0.49	10.84
Arochlor 1242	1	96.56	0.0153	ND	0.49	10.84
Arochlor 1248	1	96.56	0.0061	ND	0.49	10.84
Arochlor 1254	1	96.56	0.0038	ND	0.49	10.84
Arochlor 1260	1	96.56	0.0034	ND	0.49	10.84

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	13 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**96.42**	**0.0114**	**ND**	**0.49**	**10.20**
Arochlor 1221	**1**	**96.42**	**0.0209**	**ND**	**0.49**	**10.20**
Arochlor 1232	**1**	**96.42**	**0.0142**	**ND**	**0.49**	**10.20**
Arochlor 1242	**1**	**96.42**	**0.0163**	**ND**	**0.49**	**10.20**
Arochlor 1248	**1**	**96.42**	**0.0065**	**ND**	**0.49**	**10.20**
Arochlor 1254	**1**	**96.42**	**0.0041**	**ND**	**0.49**	**10.20**
Arochlor 1260	**1**	**96.42**	**0.0037**	**ND**	**0.49**	**10.20**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000380

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	14 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	73.11	0.0146	ND	0.49	10.48
Arochlor 1221	1	73.11	0.0269	ND	0.49	10.48
Arochlor 1232	1	73.11	0.0183	ND	0.49	10.48
Arochlor 1242	1	73.11	0.0209	ND	0.49	10.48
Arochlor 1248	1	73.11	0.0084	ND	0.49	10.48
Arochlor 1254	1	73.11	0.0052	ND	0.49	10.48
Arochlor 1260	1	73.11	0.0047	0.102	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**14**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.73	0.0127	0.236	0.49	10.64
Arochlor 1221	1	82.73	0.0234	ND	0.49	10.64
Arochlor 1232	1	82.73	0.0159	ND	0.49	10.64
Arochlor 1242	1	82.73	0.0182	ND	0.49	10.64
Arochlor 1248	1	82.73	0.0073	ND	0.49	10.64
Arochlor 1254	1	82.73	0.0045	ND	0.49	10.64
Arochlor 1260	1	82.73	0.0041	0.072	0.49	10.64

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**14**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.81	0.0122	ND	0.49	10.55
Arochlor 1221	1	86.81	0.0225	ND	0.49	10.55
Arochlor 1232	1	86.81	0.0153	ND	0.49	10.55
Arochlor 1242	1	86.81	0.0175	ND	0.49	10.55
Arochlor 1248	1	86.81	0.0070	ND	0.49	10.55
Arochlor 1254	1	86.81	0.0044	ND	0.49	10.55
Arochlor 1260	1	86.81	0.0039	ND	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**14**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	68.68	0.0155	ND	0.49	10.49
Arochlor 1221	1	68.68	0.0286	ND	0.49	10.49
Arochlor 1232	1	68.68	0.0194	ND	0.49	10.49
Arochlor 1242	1	68.68	0.0222	ND	0.49	10.49
Arochlor 1248	1	68.68	0.0089	ND	0.49	10.49
Arochlor 1254	1	68.68	0.0056	ND	0.49	10.49
Arochlor 1260	1	68.68	0.0050	ND	0.49	10.49

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	14 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.53	0.0115	ND	0.49	10.79
Arochlor 1221	1	90.53	0.0211	ND	0.49	10.79
Arochlor 1232	1	90.53	0.0143	ND	0.49	10.79
Arochlor 1242	1	90.53	0.0164	ND	0.49	10.79
Arochlor 1248	1	90.53	0.0066	ND	0.49	10.79
Arochlor 1254	1	90.53	0.0041	ND	0.49	10.79
Arochlor 1260	1	90.53	0.0037	ND	0.49	10.79

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**14**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	76.66	0.0137	0.402	0.49	10.65
Arochlor 1221	1	76.66	0.0252	ND	0.49	10.65
Arochlor 1232	1	76.66	0.0171	ND	0.49	10.65
Arochlor 1242	1	76.66	0.0196	ND	0.49	10.65
Arochlor 1248	1	76.66	0.0078	ND	0.49	10.65
Arochlor 1254	1	76.66	0.0049	ND	0.49	10.65
Arochlor 1260	1	76.66	0.0044	0.062	0.49	10.65

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.84	0.0134	0.083	0.49	10.48
Arochlor 1221	1	79.84	0.0246	ND	0.49	10.48
Arochlor 1232	1	79.84	0.0167	ND	0.49	10.48
Arochlor 1242	1	79.84	0.0191	ND	0.49	10.48
Arochlor 1248	1	79.84	0.0076	ND	0.49	10.48
Arochlor 1254	1	79.84	0.0048	ND	0.49	10.48
Arochlor 1260	1	79.84	0.0043	0.089	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.94	0.0128	0.140	0.49	10.56
Arochlor 1221	1	82.94	0.0235	ND	0.49	10.56
Arochlor 1232	1	82.94	0.0160	ND	0.49	10.56
Arochlor 1242	1	82.94	0.0183	ND	0.49	10.56
Arochlor 1248	1	82.94	0.0073	ND	0.49	10.56
Arochlor 1254	1	82.94	0.0046	ND	0.49	10.56
Arochlor 1260	1	82.94	0.0041	0.058	0.49	10.56

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-06
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.91	0.0119	ND	0.49	10.91
Arochlor 1221	1	85.91	0.0220	ND	0.49	10.91
Arochlor 1232	1	85.91	0.0149	ND	0.49	10.91
Arochlor 1242	1	85.91	0.0171	ND	0.49	10.91
Arochlor 1248	1	85.91	0.0068	ND	0.49	10.91
Arochlor 1254	1	85.91	0.0043	ND	0.49	10.91
Arochlor 1260	1	85.91	0.0038	ND	0.49	10.91

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-17**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**15**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**92.34**	**0.0114**	**ND**	**0.49**	**10.65**
Arochlor 1221	**1**	**92.34**	**0.0209**	**ND**	**0.49**	**10.65**
Arochlor 1232	**1**	**92.34**	**0.0142**	**ND**	**0.49**	**10.65**
Arochlor 1242	**1**	**92.34**	**0.0163**	**ND**	**0.49**	**10.65**
Arochlor 1248	**1**	**92.34**	**0.0065**	**ND**	**0.49**	**10.65**
Arochlor 1254	**1**	**92.34**	**0.0041**	**ND**	**0.49**	**10.65**
Arochlor 1260	**1**	**92.34**	**0.0037**	**ND**	**0.49**	**10.65**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**15**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.49	0.0120	ND	0.49	10.80
Arochlor 1221	1	86.49	0.0221	ND	0.49	10.80
Arochlor 1232	1	86.49	0.0150	ND	0.49	10.80
Arochlor 1242	1	86.49	0.0171	ND	0.49	10.80
Arochlor 1248	1	86.49	0.0069	ND	0.49	10.80
Arochlor 1254	1	86.49	0.0043	ND	0.49	10.80
Arochlor 1260	1	86.49	0.0039	ND	0.49	10.80

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-06**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**15**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**56.90**	**0.0169**	**ND**	**0.49**	**11.63**
Arochlor 1221	**1**	**56.90**	**0.0311**	**ND**	**0.49**	**11.63**
Arochlor 1232	**1**	**56.90**	**0.0212**	**ND**	**0.49**	**11.63**
Arochlor 1242	**1**	**56.90**	**0.0242**	**ND**	**0.49**	**11.63**
Arochlor 1248	**1**	**56.90**	**0.0097**	**ND**	**0.49**	**11.63**
Arochlor 1254	**1**	**56.90**	**0.0060**	**ND**	**0.49**	**11.63**
Arochlor 1260	**1**	**56.90**	**0.0054**	**0.134**	**0.49**	**11.63**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.58**	**0.0129**	**ND**	**0.49**	**10.30**
Arochlor 1221	**1**	**84.58**	**0.0236**	**ND**	**0.49**	**10.30**
Arochlor 1232	**1**	**84.58**	**0.0161**	**ND**	**0.49**	**10.30**
Arochlor 1242	**1**	**84.58**	**0.0184**	**ND**	**0.49**	**10.30**
Arochlor 1248	**1**	**84.58**	**0.0073**	**ND**	**0.49**	**10.30**
Arochlor 1254	**1**	**84.58**	**0.0046**	**ND**	**0.49**	**10.30**
Arochlor 1260	**1**	**84.58**	**0.0041**	**ND**	**0.49**	**10.30**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/28/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.03**	**0.0124**	**ND**	**0.49**	**10.28**
Arochlor 1221	**1**	**88.03**	**0.0228**	**ND**	**0.49**	**10.28**
Arochlor 1232	**1**	**88.03**	**0.0155**	**ND**	**0.49**	**10.28**
Arochlor 1242	**1**	**88.03**	**0.0177**	**ND**	**0.49**	**10.28**
Arochlor 1248	**1**	**88.03**	**0.0071**	**ND**	**0.49**	**10.28**
Arochlor 1254	**1**	**88.03**	**0.0044**	**ND**	**0.49**	**10.28**
Arochlor 1260	**1**	**88.03**	**0.0040**	**ND**	**0.49**	**10.28**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.46**	**0.0115**	**ND**	**0.49**	**10.86**
Arochlor 1221	**1**	**89.46**	**0.0212**	**ND**	**0.49**	**10.86**
Arochlor 1232	**1**	**89.46**	**0.0144**	**ND**	**0.49**	**10.86**
Arochlor 1242	**1**	**89.46**	**0.0165**	**ND**	**0.49**	**10.86**
Arochlor 1248	**1**	**89.46**	**0.0066**	**ND**	**0.49**	**10.86**
Arochlor 1254	**1**	**89.46**	**0.0041**	**ND**	**0.49**	**10.86**
Arochlor 1260	**1**	**89.46**	**0.0037**	**ND**	**0.49**	**10.86**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.04**	**0.0118**	**ND**	**0.49**	**10.82**
Arochlor 1221	**1**	**88.04**	**0.0216**	**ND**	**0.49**	**10.82**
Arochlor 1232	**1**	**88.04**	**0.0147**	**ND**	**0.49**	**10.82**
Arochlor 1242	**1**	**88.04**	**0.0168**	**ND**	**0.49**	**10.82**
Arochlor 1248	**1**	**88.04**	**0.0067**	**ND**	**0.49**	**10.82**
Arochlor 1254	**1**	**88.04**	**0.0042**	**ND**	**0.49**	**10.82**
Arochlor 1260	**1**	**88.04**	**0.0038**	**ND**	**0.49**	**10.82**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.50**	**0.0127**	**ND**	**0.49**	**10.46**
Arochlor 1221	**1**	**84.50**	**0.0233**	**ND**	**0.49**	**10.46**
Arochlor 1232	**1**	**84.50**	**0.0158**	**ND**	**0.49**	**10.46**
Arochlor 1242	**1**	**84.50**	**0.0181**	**ND**	**0.49**	**10.46**
Arochlor 1248	**1**	**84.50**	**0.0072**	**ND**	**0.49**	**10.46**
Arochlor 1254	**1**	**84.50**	**0.0045**	**ND**	**0.49**	**10.46**
Arochlor 1260	**1**	**84.50**	**0.0041**	**ND**	**0.49**	**10.46**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000337

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.18**	**0.0126**	**ND**	**0.49**	**10.16**
Arochlor 1221	**1**	**87.18**	**0.0233**	**ND**	**0.49**	**10.16**
Arochlor 1232	**1**	**87.18**	**0.0158**	**ND**	**0.49**	**10.16**
Arochlor 1242	**1**	**87.18**	**0.0181**	**ND**	**0.49**	**10.16**
Arochlor 1248	**1**	**87.18**	**0.0072**	**ND**	**0.49**	**10.16**
Arochlor 1254	**1**	**87.18**	**0.0045**	**ND**	**0.49**	**10.16**
Arochlor 1260	**1**	**87.18**	**0.0041**	**0.667**	**0.49**	**10.16**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.60	0.0125	ND	0.49	10.69
Arochlor 1221	1	83.60	0.0231	ND	0.49	10.69
Arochlor 1232	1	83.60	0.0157	ND	0.49	10.69
Arochlor 1242	1	83.60	0.0179	ND	0.49	10.69
Arochlor 1248	1	83.60	0.0072	ND	0.49	10.69
Arochlor 1254	1	83.60	0.0045	ND	0.49	10.69
Arochlor 1260	1	83.60	0.0040	ND	0.49	10.69

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**47.21**	**0.0220**	**ND**	**0.49**	**10.78**
Arochlor 1221	**1**	**47.21**	**0.0405**	**ND**	**0.49**	**10.78**
Arochlor 1232	**1**	**47.21**	**0.0275**	**ND**	**0.49**	**10.78**
Arochlor 1242	**1**	**47.21**	**0.0314**	**ND**	**0.49**	**10.78**
Arochlor 1248	**1**	**47.21**	**0.0126**	**ND**	**0.49**	**10.78**
Arochlor 1254	**20**	**47.21**	**0.1572**	**42.494**	**0.49**	**10.78**
Arochlor 1260	**1**	**47.21**	**0.0071**	**ND**	**0.49**	**10.78**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4890.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/28/99
	Bldg. 173	**Extraction Date:**	10/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-A-90-96"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**76.26**	**0.0135**	**ND**	**0.49**	**10.86**
Arochlor 1221	**1**	**76.26**	**0.0249**	**ND**	**0.49**	**10.86**
Arochlor 1232	**1**	**76.26**	**0.0169**	**ND**	**0.49**	**10.86**
Arochlor 1242	**1**	**76.26**	**0.0193**	**ND**	**0.49**	**10.86**
Arochlor 1248	**1**	**76.26**	**0.0077**	**ND**	**0.49**	**10.86**
Arochlor 1254	**1**	**76.26**	**0.0048**	**ND**	**0.49**	**10.86**
Arochlor 1260	**1**	**76.26**	**0.0043**	**ND**	**0.49**	**10.86**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.48**	**0.0127**	**ND**	**0.49**	**10.58**
Arochlor 1221	**1**	**83.48**	**0.0233**	**ND**	**0.49**	**10.58**
Arochlor 1232	**1**	**83.48**	**0.0159**	**ND**	**0.49**	**10.58**
Arochlor 1242	**1**	**83.48**	**0.0181**	**ND**	**0.49**	**10.58**
Arochlor 1248	**1**	**83.48**	**0.0072**	**ND**	**0.49**	**10.58**
Arochlor 1254	**1**	**83.48**	**0.0045**	**ND**	**0.49**	**10.58**
Arochlor 1260	**1**	**83.48**	**0.0041**	**ND**	**0.49**	**10.58**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000302

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.19	0.0121	ND	0.49	10.37
Arochlor 1221	1	89.19	0.0223	ND	0.49	10.37
Arochlor 1232	1	89.19	0.0151	ND	0.49	10.37
Arochlor 1242	1	89.19	0.0173	ND	0.49	10.37
Arochlor 1248	1	89.19	0.0069	ND	0.49	10.37
Arochlor 1254	1	89.19	0.0043	ND	0.49	10.37
Arochlor 1260	1	89.19	0.0039	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.31
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.94**	**0.0121**	**ND**	**0.49**	**10.30**
Arochlor 1221	**1**	**89.94**	**0.0222**	**ND**	**0.49**	**10.30**
Arochlor 1232	**1**	**89.94**	**0.0151**	**ND**	**0.49**	**10.30**
Arochlor 1242	**1**	**89.94**	**0.0173**	**ND**	**0.49**	**10.30**
Arochlor 1248	**1**	**89.94**	**0.0069**	**ND**	**0.49**	**10.30**
Arochlor 1254	**1**	**89.94**	**0.0043**	**ND**	**0.49**	**10.30**
Arochlor 1260	**1**	**89.94**	**0.0039**	**ND**	**0.49**	**10.30**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.77	0.0126	ND	0.49	10.16
Arochlor 1221	1	87.77	0.0231	ND	0.49	10.16
Arochlor 1232	1	87.77	0.0157	ND	0.49	10.16
Arochlor 1242	1	87.77	0.0179	ND	0.49	10.16
Arochlor 1248	1	87.77	0.0072	ND	0.49	10.16
Arochlor 1254	1	87.77	0.0045	ND	0.49	10.16
Arochlor 1260	1	87.77	0.0040	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.33
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.35	0.0119	ND	0.49	10.81
Arochlor 1221	1	87.35	0.0218	ND	0.49	10.81
Arochlor 1232	1	87.35	0.0148	ND	0.49	10.81
Arochlor 1242	1	87.35	0.0169	ND	0.49	10.81
Arochlor 1248	1	87.35	0.0068	ND	0.49	10.81
Arochlor 1254	1	87.35	0.0042	ND	0.49	10.81
Arochlor 1260	1	87.35	0.0038	ND	0.49	10.81

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.60	0.0125	ND	0.49	10.46
Arochlor 1221	1	85.60	0.0230	ND	0.49	10.46
Arochlor 1232	1	85.60	0.0156	ND	0.49	10.46
Arochlor 1242	1	85.60	0.0179	ND	0.49	10.46
Arochlor 1248	1	85.60	0.0071	ND	0.49	10.46
Arochlor 1254	1	85.60	0.0045	ND	0.49	10.46
Arochlor 1260	1	85.60	0.0040	ND	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.35
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.04	0.0137	ND	0.49	10.62
Arochlor 1221	1	77.04	0.0252	ND	0.49	10.62
Arochlor 1232	1	77.04	0.0171	ND	0.49	10.62
Arochlor 1242	1	77.04	0.0196	ND	0.49	10.62
Arochlor 1248	1	77.04	0.0078	ND	0.49	10.62
Arochlor 1254	1	77.04	0.0049	ND	0.49	10.62
Arochlor 1260	1	77.04	0.0044	ND	0.49	10.62

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	15-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	69.76	0.0159	ND	0.49	10.09
Arochlor 1221	1	69.76	0.0293	ND	0.49	10.09
Arochlor 1232	1	69.76	0.0199	ND	0.49	10.09
Arochlor 1242	1	69.76	0.0227	ND	0.49	10.09
Arochlor 1248	1	69.76	0.0091	ND	0.49	10.09
Arochlor 1254	1	69.76	0.0057	ND	0.49	10.09
Arochlor 1260	1	69.76	0.0051	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000309

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**16** **0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.36**	**0.0128**	**ND**	**0.49**	**10.36**
Arochlor 1221	**1**	**84.36**	**0.0236**	**ND**	**0.49**	**10.36**
Arochlor 1232	**1**	**84.36**	**0.0160**	**ND**	**0.49**	**10.36**
Arochlor 1242	**1**	**84.36**	**0.0183**	**ND**	**0.49**	**10.36**
Arochlor 1248	**1**	**84.36**	**0.0073**	**ND**	**0.49**	**10.36**
Arochlor 1254	**1**	**84.36**	**0.0046**	**ND**	**0.49**	**10.36**
Arochlor 1260	**1**	**84.36**	**0.0041**	**ND**	**0.49**	**10.36**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	16 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.79	0.0117	ND	0.49	10.19
Arochlor 1221	1	93.79	0.0216	ND	0.49	10.19
Arochlor 1232	1	93.79	0.0146	ND	0.49	10.19
Arochlor 1242	1	93.79	0.0167	ND	0.49	10.19
Arochlor 1248	1	93.79	0.0067	ND	0.49	10.19
Arochlor 1254	1	93.79	0.0042	ND	0.49	10.19
Arochlor 1260	1	93.79	0.0038	ND	0.49	10.19

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**16**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.43	0.0130	ND	0.49	10.17
Arochlor 1221	1	84.43	0.0240	ND	0.49	10.17
Arochlor 1232	1	84.43	0.0163	ND	0.49	10.17
Arochlor 1242	1	84.43	0.0186	ND	0.49	10.17
Arochlor 1248	1	84.43	0.0075	ND	0.49	10.17
Arochlor 1254	1	84.43	0.0047	ND	0.49	10.17
Arochlor 1260	1	84.43	0.0042	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	16
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.75	0.0131	0.116	0.49	10.31
Arochlor 1221	1	82.75	0.0241	ND	0.49	10.31
Arochlor 1232	1	82.75	0.0164	ND	0.49	10.31
Arochlor 1242	1	82.75	0.0188	ND	0.49	10.31
Arochlor 1248	1	82.75	0.0075	ND	0.49	10.31
Arochlor 1254	1	82.75	0.0047	ND	0.49	10.31
Arochlor 1260	1	82.75	0.0042	0.054	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/5/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**16**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.18	0.0131	ND	0.49	10.76
Arochlor 1221	1	79.18	0.0242	ND	0.49	10.76
Arochlor 1232	1	79.18	0.0164	ND	0.49	10.76
Arochlor 1242	1	79.18	0.0188	ND	0.49	10.76
Arochlor 1248	1	79.18	0.0075	ND	0.49	10.76
Arochlor 1254	1	79.18	0.0047	ND	0.49	10.76
Arochlor 1260	1	79.18	0.0042	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4294.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/23/99
	Bldg. 173	**Extraction Date:**	2/25/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**16**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**75.94**	**0.0143**	**0.590**	**0.49**	**10.31**
Arochlor 1221	**1**	**75.94**	**0.0263**	**ND**	**0.49**	**10.31**
Arochlor 1232	**1**	**75.94**	**0.0179**	**ND**	**0.49**	**10.31**
Arochlor 1242	**1**	**75.94**	**0.0204**	**ND**	**0.49**	**10.31**
Arochlor 1248	**1**	**75.94**	**0.0082**	**ND**	**0.49**	**10.31**
Arochlor 1254	**1**	**75.94**	**0.0051**	**ND**	**0.49**	**10.31**
Arochlor 1260	**1**	**75.94**	**0.0046**	**0.129**	**0.49**	**10.31**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.94	0.0136	ND	0.49	10.28
Arochlor 1221	1	79.94	0.0251	ND	0.49	10.28
Arochlor 1232	1	79.94	0.0170	ND	0.49	10.28
Arochlor 1242	1	79.94	0.0195	ND	0.49	10.28
Arochlor 1248	1	79.94	0.0078	ND	0.49	10.28
Arochlor 1254	1	79.94	0.0049	ND	0.49	10.28
Arochlor 1260	1	79.94	0.0044	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**93.92**	**0.0118**	**ND**	**0.49**	**10.14**
Arochlor 1221	**1**	**93.92**	**0.0216**	**ND**	**0.49**	**10.14**
Arochlor 1232	**1**	**93.92**	**0.0147**	**ND**	**0.49**	**10.14**
Arochlor 1242	**1**	**93.92**	**0.0168**	**ND**	**0.49**	**10.14**
Arochlor 1248	**1**	**93.92**	**0.0067**	**ND**	**0.49**	**10.14**
Arochlor 1254	**1**	**93.92**	**0.0042**	**ND**	**0.49**	**10.14**
Arochlor 1260	**1**	**93.92**	**0.0038**	**ND**	**0.49**	**10.14**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17 24-30"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.36	0.0122	ND	0.49	10.15
Arochlor 1221	1	90.36	0.0225	ND	0.49	10.15
Arochlor 1232	1	90.36	0.0153	ND	0.49	10.15
Arochlor 1242	1	90.36	0.0174	ND	0.49	10.15
Arochlor 1248	1	90.36	0.0070	ND	0.49	10.15
Arochlor 1254	1	90.36	0.0044	ND	0.49	10.15
Arochlor 1260	1	90.36	0.0039	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	20	79.81	0.2728	40.042	0.49	10.29
Arochlor 1221	20	79.81	0.5017	ND	0.49	10.29
Arochlor 1232	20	79.81	0.3409	ND	0.49	10.29
Arochlor 1242	20	79.81	0.3897	ND	0.49	10.29
Arochlor 1248	20	79.81	0.1559	ND	0.49	10.29
Arochlor 1254	20	79.81	0.0974	ND	0.49	10.29
Arochlor 1260	20	79.81	0.0877	0.867	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	76.12	0.0144	0.518	0.49	10.19
Arochlor 1221	1	76.12	0.0266	ND	0.49	10.19
Arochlor 1232	1	76.12	0.0180	ND	0.49	10.19
Arochlor 1242	1	76.12	0.0206	ND	0.49	10.19
Arochlor 1248	1	76.12	0.0083	ND	0.49	10.19
Arochlor 1254	1	76.12	0.0052	ND	0.49	10.19
Arochlor 1260	1	76.12	0.0046	0.041	0.49	10.19

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**17**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	77.81	0.0143	1.058	0.49	10.07
Arochlor 1221	1	77.81	0.0263	ND	0.49	10.07
Arochlor 1232	1	77.81	0.0179	ND	0.49	10.07
Arochlor 1242	1	77.81	0.0204	ND	0.49	10.07
Arochlor 1248	1	77.81	0.0082	ND	0.49	10.07
Arochlor 1254	1	77.81	0.0051	ND	0.49	10.07
Arochlor 1260	1	77.81	0.0046	ND	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.19**	**0.0129**	**ND**	**0.49**	**10.10**
Arochlor 1221	**1**	**86.19**	**0.0237**	**ND**	**0.49**	**10.10**
Arochlor 1232	**1**	**86.19**	**0.0161**	**ND**	**0.49**	**10.10**
Arochlor 1242	**1**	**86.19**	**0.0184**	**ND**	**0.49**	**10.10**
Arochlor 1248	**1**	**86.19**	**0.0074**	**ND**	**0.49**	**10.10**
Arochlor 1254	**1**	**86.19**	**0.0046**	**ND**	**0.49**	**10.10**
Arochlor 1260	**1**	**86.19**	**0.0041**	**ND**	**0.49**	**10.10**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.00**	**0.0126**	**ND**	**0.49**	**10.02**
Arochlor 1221	**1**	**89.00**	**0.0231**	**ND**	**0.49**	**10.02**
Arochlor 1232	**1**	**89.00**	**0.0157**	**ND**	**0.49**	**10.02**
Arochlor 1242	**1**	**89.00**	**0.0179**	**ND**	**0.49**	**10.02**
Arochlor 1248	**1**	**89.00**	**0.0072**	**ND**	**0.49**	**10.02**
Arochlor 1254	**1**	**89.00**	**0.0045**	**ND**	**0.49**	**10.02**
Arochlor 1260	**1**	**89.00**	**0.0040**	**ND**	**0.49**	**10.02**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.76**	**0.0124**	**ND**	**0.49**	**10.09**
Arochlor 1221	**1**	**89.76**	**0.0227**	**ND**	**0.49**	**10.09**
Arochlor 1232	**1**	**89.76**	**0.0155**	**ND**	**0.49**	**10.09**
Arochlor 1242	**1**	**89.76**	**0.0177**	**ND**	**0.49**	**10.09**
Arochlor 1248	**1**	**89.76**	**0.0071**	**ND**	**0.49**	**10.09**
Arochlor 1254	**1**	**89.76**	**0.0044**	**ND**	**0.49**	**10.09**
Arochlor 1260	**1**	**89.76**	**0.0040**	**ND**	**0.49**	**10.09**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**100**	**80.38**	**1.3796**	**394.167**	**0.49**	**10.10**
Arochlor 1221	**100**	**80.38**	**2.5375**	**ND**	**0.49**	**10.10**
Arochlor 1232	**100**	**80.38**	**1.7245**	**ND**	**0.49**	**10.10**
Arochlor 1242	**100**	**80.38**	**1.9708**	**ND**	**0.49**	**10.10**
Arochlor 1248	**100**	**80.38**	**0.7883**	**ND**	**0.49**	**10.10**
Arochlor 1254	**100**	**80.38**	**0.4927**	**ND**	**0.49**	**10.10**
Arochlor 1260	**100**	**80.38**	**0.4434**	**2.893**	**0.49**	**10.10**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**5**	**88.24**	**0.0628**	**5.089**	**0.49**	**10.11**
Arochlor 1221	**5**	**88.24**	**0.1155**	**ND**	**0.49**	**10.11**
Arochlor 1232	**5**	**88.24**	**0.0785**	**ND**	**0.49**	**10.11**
Arochlor 1242	**5**	**88.24**	**0.0897**	**ND**	**0.49**	**10.11**
Arochlor 1248	**5**	**88.24**	**0.0359**	**ND**	**0.49**	**10.11**
Arochlor 1254	**5**	**88.24**	**0.0224**	**ND**	**0.49**	**10.11**
Arochlor 1260	**5**	**88.24**	**0.0202**	**0.478**	**0.49**	**10.11**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/25/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**18**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	5	90.38	0.0613	4.733	0.49	10.11
Arochlor 1221	5	90.38	0.1127	ND	0.49	10.11
Arochlor 1232	5	90.38	0.0766	ND	0.49	10.11
Arochlor 1242	5	90.38	0.0876	ND	0.49	10.11
Arochlor 1248	5	90.38	0.0350	ND	0.49	10.11
Arochlor 1254	5	90.38	0.0219	ND	0.49	10.11
Arochlor 1260	5	90.38	0.0197	0.042	0.49	10.11

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.49
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.88**	**0.0119**	**ND**	**0.49**	**10.98**
Arochlor 1221	**1**	**85.88**	**0.0218**	**ND**	**0.49**	**10.98**
Arochlor 1232	**1**	**85.88**	**0.0148**	**ND**	**0.49**	**10.98**
Arochlor 1242	**1**	**85.88**	**0.0170**	**ND**	**0.49**	**10.98**
Arochlor 1248	**1**	**85.88**	**0.0068**	**ND**	**0.49**	**10.98**
Arochlor 1254	**1**	**85.88**	**0.0042**	**ND**	**0.49**	**10.98**
Arochlor 1260	**1**	**85.88**	**0.0038**	**ND**	**0.49**	**10.98**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000328

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.27	0.0126	ND	0.49	10.46
Arochlor 1221	1	85.27	0.0231	ND	0.49	10.46
Arochlor 1232	1	85.27	0.0157	ND	0.49	10.46
Arochlor 1242	1	85.27	0.0179	ND	0.49	10.46
Arochlor 1248	1	85.27	0.0072	ND	0.49	10.46
Arochlor 1254	1	85.27	0.0045	ND	0.49	10.46
Arochlor 1260	1	85.27	0.0040	ND	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.51
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.83**	**0.0117**	**ND**	**0.49**	**10.53**
Arochlor 1221	**1**	**90.83**	**0.0215**	**ND**	**0.49**	**10.53**
Arochlor 1232	**1**	**90.83**	**0.0146**	**ND**	**0.49**	**10.53**
Arochlor 1242	**1**	**90.83**	**0.0167**	**ND**	**0.49**	**10.53**
Arochlor 1248	**1**	**90.83**	**0.0067**	**ND**	**0.49**	**10.53**
Arochlor 1254	**1**	**90.83**	**0.0042**	**ND**	**0.49**	**10.53**
Arochlor 1260	**1**	**90.83**	**0.0038**	**ND**	**0.49**	**10.53**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000380

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.52
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.43	0.0122	ND	0.49	10.30
Arochlor 1221	1	89.43	0.0224	ND	0.49	10.30
Arochlor 1232	1	89.43	0.0152	ND	0.49	10.30
Arochlor 1242	1	89.43	0.0174	ND	0.49	10.30
Arochlor 1248	1	89.43	0.0069	ND	0.49	10.30
Arochlor 1254	1	89.43	0.0043	ND	0.49	10.30
Arochlor 1260	1	89.43	0.0039	ND	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000530B

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.50**	**0.0135**	**ND**	**0.49**	**9.92**
Arochlor 1221	**1**	**83.50**	**0.0249**	**ND**	**0.49**	**9.92**
Arochlor 1232	**1**	**83.50**	**0.0169**	**ND**	**0.49**	**9.92**
Arochlor 1242	**1**	**83.50**	**0.0193**	**ND**	**0.49**	**9.92**
Arochlor 1248	**1**	**83.50**	**0.0077**	**ND**	**0.49**	**9.92**
Arochlor 1254	**1**	**83.50**	**0.0048**	**ND**	**0.49**	**9.92**
Arochlor 1260	**1**	**83.50**	**0.0043**	**ND**	**0.49**	**9.92**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.90	0.0140	ND	0.49	10.02
Arochlor 1221	1	79.90	0.0257	ND	0.49	10.02
Arochlor 1232	1	79.90	0.0175	ND	0.49	10.02
Arochlor 1242	1	79.90	0.0200	ND	0.49	10.02
Arochlor 1248	1	79.90	0.0080	ND	0.49	10.02
Arochlor 1254	1	79.90	0.0050	ND	0.49	10.02
Arochlor 1260	1	79.90	0.0045	ND	0.49	10.02

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**61.31**	**0.0173**	**ND**	**0.49**	**10.53**
Arochlor 1221	**1**	**61.31**	**0.0319**	**ND**	**0.49**	**10.53**
Arochlor 1232	**1**	**61.31**	**0.0217**	**ND**	**0.49**	**10.53**
Arochlor 1242	**1**	**61.31**	**0.0248**	**ND**	**0.49**	**10.53**
Arochlor 1248	**1**	**61.31**	**0.0099**	**ND**	**0.49**	**10.53**
Arochlor 1254	**1**	**61.31**	**0.0062**	**ND**	**0.49**	**10.53**
Arochlor 1260	**1**	**61.31**	**0.0056**	**ND**	**0.49**	**10.53**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	73.51	0.0148	ND	0.49	10.27
Arochlor 1221	1	73.51	0.0273	ND	0.49	10.27
Arochlor 1232	1	73.51	0.0185	ND	0.49	10.27
Arochlor 1242	1	73.51	0.0212	ND	0.49	10.27
Arochlor 1248	1	73.51	0.0085	ND	0.49	10.27
Arochlor 1254	1	73.51	0.0053	ND	0.49	10.27
Arochlor 1260	1	73.51	0.0048	ND	0.49	10.27

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.50	0.0119	ND	0.49	10.28
Arochlor 1221	1	91.50	0.0219	ND	0.49	10.28
Arochlor 1232	1	91.50	0.0149	ND	0.49	10.28
Arochlor 1242	1	91.50	0.0170	ND	0.49	10.28
Arochlor 1248	1	91.50	0.0068	ND	0.49	10.28
Arochlor 1254	1	91.50	0.0043	ND	0.49	10.28
Arochlor 1260	1	91.50	0.0038	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.43**	**0.0126**	**ND**	**0.49**	**10.09**
Arochlor 1221	**1**	**88.43**	**0.0231**	**ND**	**0.49**	**10.09**
Arochlor 1232	**1**	**88.43**	**0.0157**	**ND**	**0.49**	**10.09**
Arochlor 1242	**1**	**88.43**	**0.0179**	**ND**	**0.49**	**10.09**
Arochlor 1248	**1**	**88.43**	**0.0072**	**ND**	**0.49**	**10.09**
Arochlor 1254	**1**	**88.43**	**0.0045**	**ND**	**0.49**	**10.09**
Arochlor 1260	**1**	**88.43**	**0.0040**	**ND**	**0.49**	**10.09**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.41**	**0.0115**	**ND**	**0.49**	**10.64**
Arochlor 1221	**1**	**91.41**	**0.0212**	**ND**	**0.49**	**10.64**
Arochlor 1232	**1**	**91.41**	**0.0144**	**ND**	**0.49**	**10.64**
Arochlor 1242	**1**	**91.41**	**0.0165**	**ND**	**0.49**	**10.64**
Arochlor 1248	**1**	**91.41**	**0.0066**	**ND**	**0.49**	**10.64**
Arochlor 1254	**1**	**91.41**	**0.0041**	**ND**	**0.49**	**10.64**
Arochlor 1260	**1**	**91.41**	**0.0037**	**ND**	**0.49**	**10.64**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.47
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**80.71**	**0.0130**	**ND**	**0.49**	**10.67**
Arochlor 1221	**1**	**80.71**	**0.0239**	**ND**	**0.49**	**10.67**
Arochlor 1232	**1**	**80.71**	**0.0163**	**ND**	**0.49**	**10.67**
Arochlor 1242	**1**	**80.71**	**0.0186**	**ND**	**0.49**	**10.67**
Arochlor 1248	**1**	**80.71**	**0.0074**	**ND**	**0.49**	**10.67**
Arochlor 1254	**1**	**80.71**	**0.0046**	**ND**	**0.49**	**10.67**
Arochlor 1260	**1**	**80.71**	**0.0042**	**ND**	**0.49**	**10.67**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.48
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.49	0.0122	ND	0.49	10.28
Arochlor 1221	1	89.49	0.0224	ND	0.49	10.28
Arochlor 1232	1	89.49	0.0152	ND	0.49	10.28
Arochlor 1242	1	89.49	0.0174	ND	0.49	10.28
Arochlor 1248	1	89.49	0.0070	ND	0.49	10.28
Arochlor 1254	1	89.49	0.0043	ND	0.49	10.28
Arochlor 1260	1	89.49	0.0039	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.49
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.71	0.0122	ND	0.49	10.12
Arochlor 1221	1	90.71	0.0224	ND	0.49	10.12
Arochlor 1232	1	90.71	0.0153	ND	0.49	10.12
Arochlor 1242	1	90.71	0.0174	ND	0.49	10.12
Arochlor 1248	1	90.71	0.0070	ND	0.49	10.12
Arochlor 1254	1	90.71	0.0044	ND	0.49	10.12
Arochlor 1260	1	90.71	0.0039	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.50
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.18	0.0127	ND	0.49	10.61
Arochlor 1221	1	83.18	0.0233	ND	0.49	10.61
Arochlor 1232	1	83.18	0.0159	ND	0.49	10.61
Arochlor 1242	1	83.18	0.0181	ND	0.49	10.61
Arochlor 1248	1	83.18	0.0073	ND	0.49	10.61
Arochlor 1254	1	83.18	0.0045	ND	0.49	10.61
Arochlor 1260	1	83.18	0.0041	ND	0.49	10.61

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4963.51 11/23/99 11/30/99 11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.39	0.0119	ND	0.49	10.57
Arochlor 1221	1	89.39	0.0218	ND	0.49	10.57
Arochlor 1232	1	89.39	0.0148	ND	0.49	10.57
Arochlor 1242	1	89.39	0.0169	ND	0.49	10.57
Arochlor 1248	1	89.39	0.0068	ND	0.49	10.57
Arochlor 1254	1	89.39	0.0042	ND	0.49	10.57
Arochlor 1260	1	89.39	0.0038	ND	0.49	10.57

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.52
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.36	0.0127	ND	0.49	10.23
Arochlor 1221	1	86.36	0.0233	ND	0.49	10.23
Arochlor 1232	1	86.36	0.0158	ND	0.49	10.23
Arochlor 1242	1	86.36	0.0181	ND	0.49	10.23
Arochlor 1248	1	86.36	0.0072	ND	0.49	10.23
Arochlor 1254	1	86.36	0.0045	ND	0.49	10.23
Arochlor 1260	1	86.36	0.0041	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.53
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.91	0.0125	ND	0.49	10.05
Arochlor 1221	1	88.91	0.0231	ND	0.49	10.05
Arochlor 1232	1	88.91	0.0157	ND	0.49	10.05
Arochlor 1242	1	88.91	0.0179	ND	0.49	10.05
Arochlor 1248	1	88.91	0.0072	ND	0.49	10.05
Arochlor 1254	1	88.91	0.0045	ND	0.49	10.05
Arochlor 1260	1	88.91	0.0040	ND	0.49	10.05

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.54
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	18-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.68	0.0116	ND	0.49	10.81
Arochlor 1221	1	89.68	0.0212	ND	0.49	10.81
Arochlor 1232	1	89.68	0.0144	ND	0.49	10.81
Arochlor 1242	1	89.68	0.0165	ND	0.49	10.81
Arochlor 1248	1	89.68	0.0066	ND	0.49	10.81
Arochlor 1254	1	89.68	0.0041	ND	0.49	10.81
Arochlor 1260	1	89.68	0.0037	ND	0.49	10.81

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**19**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.91	0.0120	ND	0.49	10.13
Arochlor 1221	1	91.91	0.0221	ND	0.49	10.13
Arochlor 1232	1	91.91	0.0150	ND	0.49	10.13
Arochlor 1242	1	91.91	0.0172	ND	0.49	10.13
Arochlor 1248	1	91.91	0.0069	ND	0.49	10.13
Arochlor 1254	1	91.91	0.0043	ND	0.49	10.13
Arochlor 1260	1	91.91	0.0039	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.84	0.0121	ND	0.49	10.01
Arochlor 1221	1	92.84	0.0222	ND	0.49	10.01
Arochlor 1232	1	92.84	0.0151	ND	0.49	10.01
Arochlor 1242	1	92.84	0.0172	ND	0.49	10.01
Arochlor 1248	1	92.84	0.0069	ND	0.49	10.01
Arochlor 1254	1	92.84	0.0043	ND	0.49	10.01
Arochlor 1260	1	92.84	0.0039	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.06	0.0141	ND	0.49	10.05
Arochlor 1221	1	79.06	0.0259	ND	0.49	10.05
Arochlor 1232	1	79.06	0.0176	ND	0.49	10.05
Arochlor 1242	1	79.06	0.0201	ND	0.49	10.05
Arochlor 1248	1	79.06	0.0081	ND	0.49	10.05
Arochlor 1254	1	79.06	0.0050	ND	0.49	10.05
Arochlor 1260	1	79.06	0.0045	ND	0.49	10.05

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**19**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.21	0.0132	1.892	0.49	10.04
Arochlor 1221	1	84.21	0.0244	ND	0.49	10.04
Arochlor 1232	1	84.21	0.0166	ND	0.49	10.04
Arochlor 1242	1	84.21	0.0189	ND	0.49	10.04
Arochlor 1248	1	84.21	0.0076	ND	0.49	10.04
Arochlor 1254	1	84.21	0.0047	ND	0.49	10.04
Arochlor 1260	1	84.21	0.0043	0.104	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/6/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**19**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	56.34	0.0196	4.111	0.49	10.15
Arochlor 1221	1	56.34	0.0360	ND	0.49	10.15
Arochlor 1232	1	56.34	0.0245	ND	0.49	10.15
Arochlor 1242	1	56.34	0.0280	ND	0.49	10.15
Arochlor 1248	1	56.34	0.0112	ND	0.49	10.15
Arochlor 1254	1	56.34	0.0070	ND	0.49	10.15
Arochlor 1260	1	56.34	0.0063	0.918	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4307.18 3/1/99 3/2/99 3/26/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **19** **60-66"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	10	74.78	0.1467	24.754	0.49	10.21
Arochlor 1221	10	74.78	0.2698	ND	0.49	10.21
Arochlor 1232	10	74.78	0.1834	ND	0.49	10.21
Arochlor 1242	10	74.78	0.2096	ND	0.49	10.21
Arochlor 1248	10	74.78	0.0838	ND	0.49	10.21
Arochlor 1254	10	74.78	0.0524	ND	0.49	10.21
Arochlor 1260	10	74.78	0.0472	0.558	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.53
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	1/31/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	19 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.57	0.0120	ND	0.49	10.80
Arochlor 1221	1	86.57	0.0220	ND	0.49	10.80
Arochlor 1232	1	86.57	0.0150	ND	0.49	10.80
Arochlor 1242	1	86.57	0.0171	ND	0.49	10.80
Arochlor 1248	1	86.57	0.0068	ND	0.49	10.80
Arochlor 1254	1	86.57	0.0043	ND	0.49	10.80
Arochlor 1260	1	86.57	0.0039	ND	0.49	10.80

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.54
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/27/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	19 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.07	0.0116	ND	0.49	10.87
Arochlor 1221	1	89.07	0.0213	ND	0.49	10.87
Arochlor 1232	1	89.07	0.0145	ND	0.49	10.87
Arochlor 1242	1	89.07	0.0165	ND	0.49	10.87
Arochlor 1248	1	89.07	0.0066	ND	0.49	10.87
Arochlor 1254	1	89.07	0.0041	ND	0.49	10.87
Arochlor 1260	1	89.07	0.0037	ND	0.49	10.87

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.55
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	19 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.47	0.0123	ND	0.49	10.18
Arochlor 1221	1	89.47	0.0226	ND	0.49	10.18
Arochlor 1232	1	89.47	0.0154	ND	0.49	10.18
Arochlor 1242	1	89.47	0.0176	ND	0.49	10.18
Arochlor 1248	1	89.47	0.0070	ND	0.49	10.18
Arochlor 1254	1	89.47	0.0044	ND	0.49	10.18
Arochlor 1260	1	89.47	0.0040	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.56
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	19 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.37**	**0.0120**	**ND**	**0.49**	**10.69**
Arochlor 1221	**1**	**87.37**	**0.0221**	**ND**	**0.49**	**10.69**
Arochlor 1232	**1**	**87.37**	**0.0150**	**ND**	**0.49**	**10.69**
Arochlor 1242	**1**	**87.37**	**0.0171**	**ND**	**0.49**	**10.69**
Arochlor 1248	**1**	**87.37**	**0.0069**	**ND**	**0.49**	**10.69**
Arochlor 1254	**1**	**87.37**	**0.0043**	**ND**	**0.49**	**10.69**
Arochlor 1260	**1**	**87.37**	**0.0039**	**ND**	**0.49**	**10.69**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4307.19 3/1/99 3/2/99 3/6/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **20** **0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.43	0.0134	ND	0.49	10.03
Arochlor 1221	1	83.43	0.0246	ND	0.49	10.03
Arochlor 1232	1	83.43	0.0167	ND	0.49	10.03
Arochlor 1242	1	83.43	0.0191	ND	0.49	10.03
Arochlor 1248	1	83.43	0.0076	ND	0.49	10.03
Arochlor 1254	1	83.43	0.0048	ND	0.49	10.03
Arochlor 1260	1	83.43	0.0043	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4307.20 3/1/99 3/2/99 3/7/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**20** **12-18"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.25	0.0121	ND	0.49	10.02
Arochlor 1221	1	92.25	0.0223	ND	0.49	10.02
Arochlor 1232	1	92.25	0.0151	ND	0.49	10.02
Arochlor 1242	1	92.25	0.0173	ND	0.49	10.02
Arochlor 1248	1	92.25	0.0069	ND	0.49	10.02
Arochlor 1254	1	92.25	0.0043	ND	0.49	10.02
Arochlor 1260	1	92.25	0.0039	0.009	0.49	10.02

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4307.21 3/1/99 3/3/99 3/10/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **20** **24-30"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.73	0.0122	ND	0.49	9.89
Arochlor 1221	1	92.73	0.0225	ND	0.49	9.89
Arochlor 1232	1	92.73	0.0153	ND	0.49	9.89
Arochlor 1242	1	92.73	0.0174	ND	0.49	9.89
Arochlor 1248	1	92.73	0.0070	ND	0.49	9.89
Arochlor 1254	1	92.73	0.0044	ND	0.49	9.89
Arochlor 1260	1	92.73	0.0039	ND	0.49	9.89

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**20**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**94.57**	**0.0110**	**ND**	**0.49**	**10.73**
Arochlor 1221	**1**	**94.57**	**0.0203**	**ND**	**0.49**	**10.73**
Arochlor 1232	**1**	**94.57**	**0.0138**	**ND**	**0.49**	**10.73**
Arochlor 1242	**1**	**94.57**	**0.0158**	**ND**	**0.49**	**10.73**
Arochlor 1248	**1**	**94.57**	**0.0063**	**ND**	**0.49**	**10.73**
Arochlor 1254	**1**	**94.57**	**0.0039**	**ND**	**0.49**	**10.73**
Arochlor 1260	**1**	**94.57**	**0.0035**	**ND**	**0.49**	**10.73**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**20**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.69	0.0125	ND	0.49	9.69
Arochlor 1221	1	92.69	0.0229	ND	0.49	9.69
Arochlor 1232	1	92.69	0.0156	ND	0.49	9.69
Arochlor 1242	1	92.69	0.0178	ND	0.49	9.69
Arochlor 1248	1	92.69	0.0071	ND	0.49	9.69
Arochlor 1254	1	92.69	0.0045	0.264	0.49	9.69
Arochlor 1260	1	92.69	0.0040	ND	0.49	9.69

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4307.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/1/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**20**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.88**	**0.0126**	**ND**	**0.49**	**9.65**
Arochlor 1221	**1**	**91.88**	**0.0232**	**ND**	**0.49**	**9.65**
Arochlor 1232	**1**	**91.88**	**0.0158**	**ND**	**0.49**	**9.65**
Arochlor 1242	**1**	**91.88**	**0.0180**	**ND**	**0.49**	**9.65**
Arochlor 1248	**1**	**91.88**	**0.0072**	**ND**	**0.49**	**9.65**
Arochlor 1254	**1**	**91.88**	**0.0045**	**0.580**	**0.49**	**9.65**
Arochlor 1260	**1**	**91.88**	**0.0041**	**ND**	**0.49**	**9.65**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	21 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.75	0.0131	ND	0.49	10.60
Arochlor 1221	1	80.75	0.0241	ND	0.49	10.60
Arochlor 1232	1	80.75	0.0164	ND	0.49	10.60
Arochlor 1242	1	80.75	0.0187	ND	0.49	10.60
Arochlor 1248	1	80.75	0.0075	ND	0.49	10.60
Arochlor 1254	1	80.75	0.0047	ND	0.49	10.60
Arochlor 1260	1	80.75	0.0042	ND	0.49	10.60

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/10/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**21**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.20	0.0117	ND	0.49	11.20
Arochlor 1221	1	85.20	0.0216	ND	0.49	11.20
Arochlor 1232	1	85.20	0.0147	ND	0.49	11.20
Arochlor 1242	1	85.20	0.0168	ND	0.49	11.20
Arochlor 1248	1	85.20	0.0067	ND	0.49	11.20
Arochlor 1254	1	85.20	0.0042	ND	0.49	11.20
Arochlor 1260	1	85.20	0.0038	ND	0.49	11.20

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**21**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.89	0.0117	ND	0.49	10.92
Arochlor 1221	1	87.89	0.0215	ND	0.49	10.92
Arochlor 1232	1	87.89	0.0146	ND	0.49	10.92
Arochlor 1242	1	87.89	0.0167	ND	0.49	10.92
Arochlor 1248	1	87.89	0.0067	ND	0.49	10.92
Arochlor 1254	1	87.89	0.0042	ND	0.49	10.92
Arochlor 1260	1	87.89	0.0038	0.039	0.49	10.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**21**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.31**	**0.0119**	**ND**	**0.49**	**10.92**
Arochlor 1221	**1**	**86.31**	**0.0219**	**ND**	**0.49**	**10.92**
Arochlor 1232	**1**	**86.31**	**0.0149**	**ND**	**0.49**	**10.92**
Arochlor 1242	**1**	**86.31**	**0.0170**	**ND**	**0.49**	**10.92**
Arochlor 1248	**1**	**86.31**	**0.0068**	**ND**	**0.49**	**10.92**
Arochlor 1254	**1**	**86.31**	**0.0042**	**ND**	**0.49**	**10.92**
Arochlor 1260	**1**	**86.31**	**0.0038**	**ND**	**0.49**	**10.92**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4313.06 3/2/99 3/3/99 3/11/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	M-2 / MW-09 21 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.95	0.0115	ND	0.49	10.86
Arochlor 1221	1	89.95	0.0211	ND	0.49	10.86
Arochlor 1232	1	89.95	0.0143	ND	0.49	10.86
Arochlor 1242	1	89.95	0.0164	ND	0.49	10.86
Arochlor 1248	1	89.95	0.0066	ND	0.49	10.86
Arochlor 1254	1	89.95	0.0041	ND	0.49	10.86
Arochlor 1260	1	89.95	0.0037	ND	0.49	10.86

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/31/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**21**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	10	73.31	0.1653	21.553	0.49	9.24
Arochlor 1221	10	73.31	0.3041	ND	0.49	9.24
Arochlor 1232	10	73.31	0.2067	ND	0.49	9.24
Arochlor 1242	10	73.31	0.2362	ND	0.49	9.24
Arochlor 1248	10	73.31	0.0945	ND	0.49	9.24
Arochlor 1254	10	73.31	0.0591	ND	0.49	9.24
Arochlor 1260	10	73.31	0.0531	0.843	0.49	9.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.57
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.78**	**0.0117**	**ND**	**0.49**	**10.54**
Arochlor 1221	**1**	**90.78**	**0.0215**	**ND**	**0.49**	**10.54**
Arochlor 1232	**1**	**90.78**	**0.0146**	**ND**	**0.49**	**10.54**
Arochlor 1242	**1**	**90.78**	**0.0167**	**ND**	**0.49**	**10.54**
Arochlor 1248	**1**	**90.78**	**0.0067**	**ND**	**0.49**	**10.54**
Arochlor 1254	**1**	**90.78**	**0.0042**	**ND**	**0.49**	**10.54**
Arochlor 1260	**1**	**90.78**	**0.0038**	**ND**	**0.49**	**10.54**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.58
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.05	0.0126	ND	0.49	10.08
Arochlor 1221	1	88.05	0.0232	ND	0.49	10.08
Arochlor 1232	1	88.05	0.0158	ND	0.49	10.08
Arochlor 1242	1	88.05	0.0180	ND	0.49	10.08
Arochlor 1248	1	88.05	0.0072	ND	0.49	10.08
Arochlor 1254	1	88.05	0.0045	ND	0.49	10.08
Arochlor 1260	1	88.05	0.0041	ND	0.49	10.08

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.59
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.27	0.0118	ND	0.49	10.48
Arochlor 1221	1	90.27	0.0218	ND	0.49	10.48
Arochlor 1232	1	90.27	0.0148	ND	0.49	10.48
Arochlor 1242	1	90.27	0.0169	ND	0.49	10.48
Arochlor 1248	1	90.27	0.0068	ND	0.49	10.48
Arochlor 1254	1	90.27	0.0042	ND	0.49	10.48
Arochlor 1260	1	90.27	0.0038	ND	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.60
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.65**	**0.0115**	**ND**	**0.49**	**10.98**
Arochlor 1221	**1**	**88.65**	**0.0212**	**ND**	**0.49**	**10.98**
Arochlor 1232	**1**	**88.65**	**0.0144**	**ND**	**0.49**	**10.98**
Arochlor 1242	**1**	**88.65**	**0.0164**	**ND**	**0.49**	**10.98**
Arochlor 1248	**1**	**88.65**	**0.0066**	**ND**	**0.49**	**10.98**
Arochlor 1254	**1**	**88.65**	**0.0041**	**ND**	**0.49**	**10.98**
Arochlor 1260	**1**	**88.65**	**0.0037**	**ND**	**0.49**	**10.98**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000372

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.34	0.0123	ND	0.49	10.55
Arochlor 1221	1	86.34	0.0226	ND	0.49	10.55
Arochlor 1232	1	86.34	0.0154	ND	0.49	10.55
Arochlor 1242	1	86.34	0.0176	ND	0.49	10.55
Arochlor 1248	1	86.34	0.0070	ND	0.49	10.55
Arochlor 1254	1	86.34	0.0044	ND	0.49	10.55
Arochlor 1260	1	86.34	0.0040	ND	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.12**	**0.0120**	**ND**	**0.49**	**10.49**
Arochlor 1221	**1**	**89.12**	**0.0220**	**ND**	**0.49**	**10.49**
Arochlor 1232	**1**	**89.12**	**0.0150**	**ND**	**0.49**	**10.49**
Arochlor 1242	**1**	**89.12**	**0.0171**	**ND**	**0.49**	**10.49**
Arochlor 1248	**1**	**89.12**	**0.0068**	**ND**	**0.49**	**10.49**
Arochlor 1254	**1**	**89.12**	**0.0043**	**ND**	**0.49**	**10.49**
Arochlor 1260	**1**	**89.12**	**0.0039**	**ND**	**0.49**	**10.49**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.79**	**0.0117**	**ND**	**0.49**	**10.66**
Arochlor 1221	**1**	**89.79**	**0.0215**	**ND**	**0.49**	**10.66**
Arochlor 1232	**1**	**89.79**	**0.0146**	**ND**	**0.49**	**10.66**
Arochlor 1242	**1**	**89.79**	**0.0167**	**ND**	**0.49**	**10.66**
Arochlor 1248	**1**	**89.79**	**0.0067**	**ND**	**0.49**	**10.66**
Arochlor 1254	**1**	**89.79**	**0.0042**	**ND**	**0.49**	**10.66**
Arochlor 1260	**1**	**89.79**	**0.0038**	**ND**	**0.49**	**10.66**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000374

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.86	0.0128	ND	0.49	9.95
Arochlor 1221	1	87.86	0.0236	ND	0.49	9.95
Arochlor 1232	1	87.86	0.0160	ND	0.49	9.95
Arochlor 1242	1	87.86	0.0183	ND	0.49	9.95
Arochlor 1248	1	87.86	0.0073	ND	0.49	9.95
Arochlor 1254	1	87.86	0.0046	ND	0.49	9.95
Arochlor 1260	1	87.86	0.0041	ND	0.49	9.95

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.85**	**0.0127**	**ND**	**0.49**	**10.42**
Arochlor 1221	**1**	**84.85**	**0.0233**	**ND**	**0.49**	**10.42**
Arochlor 1232	**1**	**84.85**	**0.0158**	**ND**	**0.49**	**10.42**
Arochlor 1242	**1**	**84.85**	**0.0181**	**ND**	**0.49**	**10.42**
Arochlor 1248	**1**	**84.85**	**0.0072**	**ND**	**0.49**	**10.42**
Arochlor 1254	**1**	**84.85**	**0.0045**	**ND**	**0.49**	**10.42**
Arochlor 1260	**1**	**84.85**	**0.0041**	**ND**	**0.49**	**10.42**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.31	0.0120	ND	0.49	10.85
Arochlor 1221	1	86.31	0.0220	ND	0.49	10.85
Arochlor 1232	1	86.31	0.0149	ND	0.49	10.85
Arochlor 1242	1	86.31	0.0171	ND	0.49	10.85
Arochlor 1248	1	86.31	0.0068	ND	0.49	10.85
Arochlor 1254	1	86.31	0.0043	ND	0.49	10.85
Arochlor 1260	1	86.31	0.0038	ND	0.49	10.85

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.80**	**0.0115**	**ND**	**0.49**	**10.96**
Arochlor 1221	**1**	**88.80**	**0.0212**	**ND**	**0.49**	**10.96**
Arochlor 1232	**1**	**88.80**	**0.0144**	**ND**	**0.49**	**10.96**
Arochlor 1242	**1**	**88.80**	**0.0164**	**ND**	**0.49**	**10.96**
Arochlor 1248	**1**	**88.80**	**0.0066**	**ND**	**0.49**	**10.96**
Arochlor 1254	**1**	**88.80**	**0.0041**	**ND**	**0.49**	**10.96**
Arochlor 1260	**1**	**88.80**	**0.0037**	**ND**	**0.49**	**10.96**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.24	0.0115	ND	0.49	10.31
Arochlor 1221	1	94.24	0.0212	ND	0.49	10.31
Arochlor 1232	1	94.24	0.0144	ND	0.49	10.31
Arochlor 1242	1	94.24	0.0165	ND	0.49	10.31
Arochlor 1248	1	94.24	0.0066	ND	0.49	10.31
Arochlor 1254	1	94.24	0.0041	ND	0.49	10.31
Arochlor 1260	1	94.24	0.0037	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.23	0.0111	ND	0.49	10.86
Arochlor 1221	1	93.23	0.0203	ND	0.49	10.86
Arochlor 1232	1	93.23	0.0138	ND	0.49	10.86
Arochlor 1242	1	93.23	0.0158	ND	0.49	10.86
Arochlor 1248	1	93.23	0.0063	ND	0.49	10.86
Arochlor 1254	1	93.23	0.0040	ND	0.49	10.86
Arochlor 1260	1	93.23	0.0036	ND	0.49	10.86

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.80	0.0132	ND	0.49	10.21
Arochlor 1221	1	82.80	0.0244	ND	0.49	10.21
Arochlor 1232	1	82.80	0.0166	ND	0.49	10.21
Arochlor 1242	1	82.80	0.0189	ND	0.49	10.21
Arochlor 1248	1	82.80	0.0076	ND	0.49	10.21
Arochlor 1254	1	82.80	0.0047	ND	0.49	10.21
Arochlor 1260	1	82.80	0.0043	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.82	0.0128	ND	0.49	10.59
Arochlor 1221	1	82.82	0.0235	ND	0.49	10.59
Arochlor 1232	1	82.82	0.0160	ND	0.49	10.59
Arochlor 1242	1	82.82	0.0182	ND	0.49	10.59
Arochlor 1248	1	82.82	0.0073	ND	0.49	10.59
Arochlor 1254	1	82.82	0.0046	ND	0.49	10.59
Arochlor 1260	1	82.82	0.0041	ND	0.49	10.59

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.41	0.0116	ND	0.49	10.46
Arochlor 1221	1	92.41	0.0213	ND	0.49	10.46
Arochlor 1232	1	92.41	0.0145	ND	0.49	10.46
Arochlor 1242	1	92.41	0.0166	ND	0.49	10.46
Arochlor 1248	1	92.41	0.0066	ND	0.49	10.46
Arochlor 1254	1	92.41	0.0041	ND	0.49	10.46
Arochlor 1260	1	92.41	0.0037	ND	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.94	0.0113	ND	0.49	10.88
Arochlor 1221	1	90.94	0.0208	ND	0.49	10.88
Arochlor 1232	1	90.94	0.0141	ND	0.49	10.88
Arochlor 1242	1	90.94	0.0162	ND	0.49	10.88
Arochlor 1248	1	90.94	0.0065	ND	0.49	10.88
Arochlor 1254	1	90.94	0.0040	ND	0.49	10.88
Arochlor 1260	1	90.94	0.0036	ND	0.49	10.88

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.66	0.0117	ND	0.49	10.68
Arochlor 1221	1	89.66	0.0215	ND	0.49	10.68
Arochlor 1232	1	89.66	0.0146	ND	0.49	10.68
Arochlor 1242	1	89.66	0.0167	ND	0.49	10.68
Arochlor 1248	1	89.66	0.0067	ND	0.49	10.68
Arochlor 1254	1	89.66	0.0042	ND	0.49	10.68
Arochlor 1260	1	89.66	0.0038	ND	0.49	10.68

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	11/30/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	21-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	34.25	0.0320	ND	0.49	10.23
Arochlor 1221	1	34.25	0.0588	ND	0.49	10.23
Arochlor 1232	1	34.25	0.0400	ND	0.49	10.23
Arochlor 1242	1	34.25	0.0457	ND	0.49	10.23
Arochlor 1248	1	34.25	0.0183	ND	0.49	10.23
Arochlor 1254	1	34.25	0.0114	ND	0.49	10.23
Arochlor 1260	1	34.25	0.0103	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**22**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**82.97**	**0.0129**	**ND**	**0.49**	**10.47**
Arochlor 1221	**1**	**82.97**	**0.0237**	**ND**	**0.49**	**10.47**
Arochlor 1232	**1**	**82.97**	**0.0161**	**ND**	**0.49**	**10.47**
Arochlor 1242	**1**	**82.97**	**0.0184**	**ND**	**0.49**	**10.47**
Arochlor 1248	**1**	**82.97**	**0.0074**	**ND**	**0.49**	**10.47**
Arochlor 1254	**1**	**82.97**	**0.0046**	**ND**	**0.49**	**10.47**
Arochlor 1260	**1**	**82.97**	**0.0041**	**ND**	**0.49**	**10.47**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	22
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.14	0.0121	ND	0.49	10.15
Arochlor 1221	1	91.14	0.0223	ND	0.49	10.15
Arochlor 1232	1	91.14	0.0151	ND	0.49	10.15
Arochlor 1242	1	91.14	0.0173	ND	0.49	10.15
Arochlor 1248	1	91.14	0.0069	ND	0.49	10.15
Arochlor 1254	1	91.14	0.0043	ND	0.49	10.15
Arochlor 1260	1	91.14	0.0039	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**22**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.56	0.0129	0.185	0.49	10.03
Arochlor 1221	1	86.56	0.0237	ND	0.49	10.03
Arochlor 1232	1	86.56	0.0161	ND	0.49	10.03
Arochlor 1242	1	86.56	0.0184	ND	0.49	10.03
Arochlor 1248	1	86.56	0.0074	ND	0.49	10.03
Arochlor 1254	1	86.56	0.0046	ND	0.49	10.03
Arochlor 1260	1	86.56	0.0041	0.090	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	22
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.76	0.0140	0.193	0.49	10.06
Arochlor 1221	1	79.76	0.0257	ND	0.49	10.06
Arochlor 1232	1	79.76	0.0174	ND	0.49	10.06
Arochlor 1242	1	79.76	0.0199	ND	0.49	10.06
Arochlor 1248	1	79.76	0.0080	ND	0.49	10.06
Arochlor 1254	1	79.76	0.0050	ND	0.49	10.06
Arochlor 1260	1	79.76	0.0045	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**22**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**61.91**	**0.0179**	**0.429**	**0.49**	**10.08**
Arochlor 1221	**1**	**61.91**	**0.0330**	**ND**	**0.49**	**10.08**
Arochlor 1232	**1**	**61.91**	**0.0224**	**ND**	**0.49**	**10.08**
Arochlor 1242	**1**	**61.91**	**0.0256**	**ND**	**0.49**	**10.08**
Arochlor 1248	**1**	**61.91**	**0.0103**	**ND**	**0.49**	**10.08**
Arochlor 1254	**1**	**61.91**	**0.0064**	**ND**	**0.49**	**10.08**
Arochlor 1260	**1**	**61.91**	**0.0058**	**0.086**	**0.49**	**10.08**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**22**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	60.08	0.0188	ND	0.49	9.92
Arochlor 1221	1	60.08	0.0346	ND	0.49	9.92
Arochlor 1232	1	60.08	0.0235	ND	0.49	9.92
Arochlor 1242	1	60.08	0.0268	ND	0.49	9.92
Arochlor 1248	1	60.08	0.0107	ND	0.49	9.92
Arochlor 1254	1	60.08	0.0067	ND	0.49	9.92
Arochlor 1260	1	60.08	0.0060	0.064	0.49	9.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**23**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.49	0.0131	ND	0.49	10.01
Arochlor 1221	1	85.49	0.0241	ND	0.49	10.01
Arochlor 1232	1	85.49	0.0164	ND	0.49	10.01
Arochlor 1242	1	85.49	0.0187	ND	0.49	10.01
Arochlor 1248	1	85.49	0.0075	ND	0.49	10.01
Arochlor 1254	1	85.49	0.0047	ND	0.49	10.01
Arochlor 1260	1	85.49	0.0042	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**23**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.72**	**0.0126**	**ND**	**0.49**	**10.51**
Arochlor 1221	**1**	**84.72**	**0.0231**	**ND**	**0.49**	**10.51**
Arochlor 1232	**1**	**84.72**	**0.0157**	**ND**	**0.49**	**10.51**
Arochlor 1242	**1**	**84.72**	**0.0180**	**ND**	**0.49**	**10.51**
Arochlor 1248	**1**	**84.72**	**0.0072**	**ND**	**0.49**	**10.51**
Arochlor 1254	**1**	**84.72**	**0.0045**	**ND**	**0.49**	**10.51**
Arochlor 1260	**1**	**84.72**	**0.0040**	**ND**	**0.49**	**10.51**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.67	0.0133	ND	0.49	10.17
Arochlor 1221	1	82.67	0.0245	ND	0.49	10.17
Arochlor 1232	1	82.67	0.0167	ND	0.49	10.17
Arochlor 1242	1	82.67	0.0190	ND	0.49	10.17
Arochlor 1248	1	82.67	0.0076	ND	0.49	10.17
Arochlor 1254	1	82.67	0.0048	ND	0.49	10.17
Arochlor 1260	1	82.67	0.0043	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.95	0.0112	ND	0.49	10.96
Arochlor 1221	1	90.95	0.0207	ND	0.49	10.96
Arochlor 1232	1	90.95	0.0140	ND	0.49	10.96
Arochlor 1242	1	90.95	0.0161	ND	0.49	10.96
Arochlor 1248	1	90.95	0.0064	ND	0.49	10.96
Arochlor 1254	1	90.95	0.0040	ND	0.49	10.96
Arochlor 1260	1	90.95	0.0036	ND	0.49	10.96

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**23**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.14**	**0.0127**	**0.831**	**0.49**	**10.51**
Arochlor 1221	**1**	**84.14**	**0.0233**	**ND**	**0.49**	**10.51**
Arochlor 1232	**1**	**84.14**	**0.0158**	**ND**	**0.49**	**10.51**
Arochlor 1242	**1**	**84.14**	**0.0181**	**ND**	**0.49**	**10.51**
Arochlor 1248	**1**	**84.14**	**0.0072**	**ND**	**0.49**	**10.51**
Arochlor 1254	**1**	**84.14**	**0.0045**	**ND**	**0.49**	**10.51**
Arochlor 1260	**1**	**84.14**	**0.0041**	**0.083**	**0.49**	**10.51**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4313.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/2/99
	Bldg. 173	**Extraction Date:**	3/9/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	64.95	0.0169	ND	0.49	10.20
Arochlor 1221	1	64.95	0.0311	ND	0.49	10.20
Arochlor 1232	1	64.95	0.0211	ND	0.49	10.20
Arochlor 1242	1	64.95	0.0242	ND	0.49	10.20
Arochlor 1248	1	64.95	0.0097	ND	0.49	10.20
Arochlor 1254	1	64.95	0.0060	ND	0.49	10.20
Arochlor 1260	1	64.95	0.0054	ND	0.49	10.20

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**24**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**81.00**	**0.0127**	**ND**	**0.49**	**10.86**
Arochlor 1221	**1**	**81.00**	**0.0234**	**ND**	**0.49**	**10.86**
Arochlor 1232	**1**	**81.00**	**0.0159**	**ND**	**0.49**	**10.86**
Arochlor 1242	**1**	**81.00**	**0.0182**	**ND**	**0.49**	**10.86**
Arochlor 1248	**1**	**81.00**	**0.0073**	**ND**	**0.49**	**10.86**
Arochlor 1254	**1**	**81.00**	**0.0045**	**ND**	**0.49**	**10.86**
Arochlor 1260	**1**	**81.00**	**0.0041**	**ND**	**0.49**	**10.86**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**24**
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	72.64	0.0154	ND	0.49	9.99
Arochlor 1221	1	72.64	0.0284	ND	0.49	9.99
Arochlor 1232	1	72.64	0.0193	ND	0.49	9.99
Arochlor 1242	1	72.64	0.0220	ND	0.49	9.99
Arochlor 1248	1	72.64	0.0088	ND	0.49	9.99
Arochlor 1254	1	72.64	0.0055	ND	0.49	9.99
Arochlor 1260	1	72.64	0.0050	ND	0.49	9.99

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	24 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.65	0.0116	ND	0.49	11.04
Arochlor 1221	1	87.65	0.0213	ND	0.49	11.04
Arochlor 1232	1	87.65	0.0145	ND	0.49	11.04
Arochlor 1242	1	87.65	0.0165	ND	0.49	11.04
Arochlor 1248	1	87.65	0.0066	ND	0.49	11.04
Arochlor 1254	1	87.65	0.0041	ND	0.49	11.04
Arochlor 1260	1	87.65	0.0037	ND	0.49	11.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**24**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.15	0.0116	ND	0.49	11.06
Arochlor 1221	1	87.15	0.0214	ND	0.49	11.06
Arochlor 1232	1	87.15	0.0145	ND	0.49	11.06
Arochlor 1242	1	87.15	0.0166	ND	0.49	11.06
Arochlor 1248	1	87.15	0.0066	ND	0.49	11.06
Arochlor 1254	1	87.15	0.0041	ND	0.49	11.06
Arochlor 1260	1	87.15	0.0037	ND	0.49	11.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/12/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**24**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.22	0.0120	ND	0.49	10.37
Arochlor 1221	1	90.22	0.0220	ND	0.49	10.37
Arochlor 1232	1	90.22	0.0150	ND	0.49	10.37
Arochlor 1242	1	90.22	0.0171	ND	0.49	10.37
Arochlor 1248	1	90.22	0.0068	ND	0.49	10.37
Arochlor 1254	1	90.22	0.0043	ND	0.49	10.37
Arochlor 1260	1	90.22	0.0038	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/12/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**24**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	41.93	0.0258	ND	0.49	10.35
Arochlor 1221	1	41.93	0.0475	ND	0.49	10.35
Arochlor 1232	1	41.93	0.0323	ND	0.49	10.35
Arochlor 1242	1	41.93	0.0369	ND	0.49	10.35
Arochlor 1248	1	41.93	0.0147	ND	0.49	10.35
Arochlor 1254	1	41.93	0.0092	ND	0.49	10.35
Arochlor 1260	1	41.93	0.0083	ND	0.49	10.35

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.02	0.0126	ND	0.49	10.21
Arochlor 1221	1	87.02	0.0232	ND	0.49	10.21
Arochlor 1232	1	87.02	0.0158	ND	0.49	10.21
Arochlor 1242	1	87.02	0.0180	ND	0.49	10.21
Arochlor 1248	1	87.02	0.0072	ND	0.49	10.21
Arochlor 1254	1	87.02	0.0045	ND	0.49	10.21
Arochlor 1260	1	87.02	0.0041	ND	0.49	10.21

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.38	0.0126	ND	0.49	10.16
Arochlor 1221	1	87.38	0.0232	ND	0.49	10.16
Arochlor 1232	1	87.38	0.0158	ND	0.49	10.16
Arochlor 1242	1	87.38	0.0180	ND	0.49	10.16
Arochlor 1248	1	87.38	0.0072	ND	0.49	10.16
Arochlor 1254	1	87.38	0.0045	ND	0.49	10.16
Arochlor 1260	1	87.38	0.0041	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000706

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.12**	**0.0129**	**ND**	**0.49**	**10.09**
Arochlor 1221	**1**	**86.12**	**0.0237**	**ND**	**0.49**	**10.09**
Arochlor 1232	**1**	**86.12**	**0.0161**	**ND**	**0.49**	**10.09**
Arochlor 1242	**1**	**86.12**	**0.0184**	**ND**	**0.49**	**10.09**
Arochlor 1248	**1**	**86.12**	**0.0074**	**ND**	**0.49**	**10.09**
Arochlor 1254	**1**	**86.12**	**0.0046**	**ND**	**0.49**	**10.09**
Arochlor 1260	**1**	**86.12**	**0.0041**	**ND**	**0.49**	**10.09**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.39	0.0130	ND	0.49	10.12
Arochlor 1221	1	85.39	0.0238	ND	0.49	10.12
Arochlor 1232	1	85.39	0.0162	ND	0.49	10.12
Arochlor 1242	1	85.39	0.0185	ND	0.49	10.12
Arochlor 1248	1	85.39	0.0074	ND	0.49	10.12
Arochlor 1254	1	85.39	0.0046	ND	0.49	10.12
Arochlor 1260	1	85.39	0.0042	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.67	0.0121	ND	0.49	9.96
Arochlor 1221	1	92.67	0.0223	ND	0.49	9.96
Arochlor 1232	1	92.67	0.0152	ND	0.49	9.96
Arochlor 1242	1	92.67	0.0173	ND	0.49	9.96
Arochlor 1248	1	92.67	0.0069	ND	0.49	9.96
Arochlor 1254	1	92.67	0.0043	ND	0.49	9.96
Arochlor 1260	1	92.67	0.0039	ND	0.49	9.96

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**71.22**	**0.0149**	**ND**	**0.49**	**10.57**
Arochlor 1221	**1**	**71.22**	**0.0274**	**ND**	**0.49**	**10.57**
Arochlor 1232	**1**	**71.22**	**0.0186**	**ND**	**0.49**	**10.57**
Arochlor 1242	**1**	**71.22**	**0.0213**	**ND**	**0.49**	**10.57**
Arochlor 1248	**1**	**71.22**	**0.0085**	**ND**	**0.49**	**10.57**
Arochlor 1254	**1**	**71.22**	**0.0053**	**ND**	**0.49**	**10.57**
Arochlor 1260	**1**	**71.22**	**0.0048**	**ND**	**0.49**	**10.57**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000710

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	60.80	0.0174	ND	0.49	10.57
Arochlor 1221	1	60.80	0.0321	ND	0.49	10.57
Arochlor 1232	1	60.80	0.0218	ND	0.49	10.57
Arochlor 1242	1	60.80	0.0249	5.364	0.49	10.57
Arochlor 1248	1	60.80	0.0100	ND	0.49	10.57
Arochlor 1254	1	60.80	0.0062	ND	0.49	10.57
Arochlor 1260	1	60.80	0.0056	ND	0.49	10.57

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.69
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.78	0.0136	ND	0.49	10.06
Arochlor 1221	1	81.78	0.0250	ND	0.49	10.06
Arochlor 1232	1	81.78	0.0170	ND	0.49	10.06
Arochlor 1242	1	81.78	0.0194	ND	0.49	10.06
Arochlor 1248	1	81.78	0.0078	ND	0.49	10.06
Arochlor 1254	1	81.78	0.0049	ND	0.49	10.06
Arochlor 1260	1	81.78	0.0044	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000712

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.70
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.84	0.0133	ND	0.49	10.18
Arochlor 1221	1	82.84	0.0244	ND	0.49	10.18
Arochlor 1232	1	82.84	0.0166	ND	0.49	10.18
Arochlor 1242	1	82.84	0.0190	ND	0.49	10.18
Arochlor 1248	1	82.84	0.0076	ND	0.49	10.18
Arochlor 1254	1	82.84	0.0047	ND	0.49	10.18
Arochlor 1260	1	82.84	0.0043	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.71
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.02	0.0126	ND	0.49	10.37
Arochlor 1221	1	86.02	0.0231	ND	0.49	10.37
Arochlor 1232	1	86.02	0.0157	ND	0.49	10.37
Arochlor 1242	1	86.02	0.0179	ND	0.49	10.37
Arochlor 1248	1	86.02	0.0072	ND	0.49	10.37
Arochlor 1254	1	86.02	0.0045	ND	0.49	10.37
Arochlor 1260	1	86.02	0.0040	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000714

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.72
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A 120-126"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**89.25**	**0.0121**	**ND**	**0.49**	**10.39**
Arochlor 1221	**1**	**89.25**	**0.0222**	**ND**	**0.49**	**10.39**
Arochlor 1232	**1**	**89.25**	**0.0151**	**ND**	**0.49**	**10.39**
Arochlor 1242	**1**	**89.25**	**0.0173**	**ND**	**0.49**	**10.39**
Arochlor 1248	**1**	**89.25**	**0.0069**	**ND**	**0.49**	**10.39**
Arochlor 1254	**1**	**89.25**	**0.0043**	**ND**	**0.49**	**10.39**
Arochlor 1260	**1**	**89.25**	**0.0039**	**ND**	**0.49**	**10.39**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.73
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-A 132-138"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.23	0.0116	ND	0.49	10.45
Arochlor 1221	1	92.23	0.0214	ND	0.49	10.45
Arochlor 1232	1	92.23	0.0145	ND	0.49	10.45
Arochlor 1242	1	92.23	0.0166	ND	0.49	10.45
Arochlor 1248	1	92.23	0.0066	ND	0.49	10.45
Arochlor 1254	1	92.23	0.0042	ND	0.49	10.45
Arochlor 1260	1	92.23	0.0037	ND	0.49	10.45

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.11 11/24/99 11/30/99 11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.95	0.0113	ND	0.49	10.76
Arochlor 1221	1	91.95	0.0208	ND	0.49	10.76
Arochlor 1232	1	91.95	0.0142	ND	0.49	10.76
Arochlor 1242	1	91.95	0.0162	ND	0.49	10.76
Arochlor 1248	1	91.95	0.0065	ND	0.49	10.76
Arochlor 1254	1	91.95	0.0040	ND	0.49	10.76
Arochlor 1260	1	91.95	0.0036	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.12 11/24/99 11/30/99 12/1/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 24-B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.10	0.0119	ND	0.49	10.22
Arochlor 1221	1	92.10	0.0219	ND	0.49	10.22
Arochlor 1232	1	92.10	0.0149	ND	0.49	10.22
Arochlor 1242	1	92.10	0.0170	ND	0.49	10.22
Arochlor 1248	1	92.10	0.0068	ND	0.49	10.22
Arochlor 1254	1	92.10	0.0042	ND	0.49	10.22
Arochlor 1260	1	92.10	0.0038	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.13 11/24/99 11/30/99 12/1/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.08	0.0125	ND	0.49	10.18
Arochlor 1221	1	88.08	0.0230	ND	0.49	10.18
Arochlor 1232	1	88.08	0.0156	ND	0.49	10.18
Arochlor 1242	1	88.08	0.0178	ND	0.49	10.18
Arochlor 1248	1	88.08	0.0071	ND	0.49	10.18
Arochlor 1254	1	88.08	0.0045	ND	0.49	10.18
Arochlor 1260	1	88.08	0.0040	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.14 11/24/99 11/30/99 12/1/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.47	0.0120	ND	0.49	10.75
Arochlor 1221	1	86.47	0.0222	ND	0.49	10.75
Arochlor 1232	1	86.47	0.0151	ND	0.49	10.75
Arochlor 1242	1	86.47	0.0172	ND	0.49	10.75
Arochlor 1248	1	86.47	0.0069	ND	0.49	10.75
Arochlor 1254	1	86.47	0.0043	ND	0.49	10.75
Arochlor 1260	1	86.47	0.0039	ND	0.49	10.75

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	12/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.68	0.0131	ND	0.49	10.08
Arochlor 1221	1	84.68	0.0241	ND	0.49	10.08
Arochlor 1232	1	84.68	0.0164	ND	0.49	10.08
Arochlor 1242	1	84.68	0.0187	ND	0.49	10.08
Arochlor 1248	1	84.68	0.0075	ND	0.49	10.08
Arochlor 1254	1	84.68	0.0047	ND	0.49	10.08
Arochlor 1260	1	84.68	0.0042	ND	0.49	10.08

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.16 11/24/99 12/2/99 12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.46	0.0122	ND	0.49	10.36
Arochlor 1221	1	88.46	0.0225	ND	0.49	10.36
Arochlor 1232	1	88.46	0.0153	ND	0.49	10.36
Arochlor 1242	1	88.46	0.0175	ND	0.49	10.36
Arochlor 1248	1	88.46	0.0070	ND	0.49	10.36
Arochlor 1254	1	88.46	0.0044	ND	0.49	10.36
Arochlor 1260	1	88.46	0.0039	ND	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000722

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4965.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/24/99
	Bldg. 173	**Extraction Date:**	12/2/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.65	0.0115	ND	0.49	10.39
Arochlor 1221	1	93.65	0.0212	ND	0.49	10.39
Arochlor 1232	1	93.65	0.0144	ND	0.49	10.39
Arochlor 1242	1	93.65	0.0164	ND	0.49	10.39
Arochlor 1248	1	93.65	0.0066	ND	0.49	10.39
Arochlor 1254	1	93.65	0.0041	ND	0.49	10.39
Arochlor 1260	1	93.65	0.0037	ND	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4965.18 11/24/99 12/2/99 12/2/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 24-B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	78.44	0.0135	ND	0.49	10.55
Arochlor 1221	1	78.44	0.0249	ND	0.49	10.55
Arochlor 1232	1	78.44	0.0169	ND	0.49	10.55
Arochlor 1242	1	78.44	0.0193	ND	0.49	10.55
Arochlor 1248	1	78.44	0.0077	ND	0.49	10.55
Arochlor 1254	1	78.44	0.0048	ND	0.49	10.55
Arochlor 1260	1	78.44	0.0044	ND	0.49	10.55

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.74
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.08	0.0125	ND	0.49	10.39
Arochlor 1221	1	86.08	0.0230	ND	0.49	10.39
Arochlor 1232	1	86.08	0.0157	ND	0.49	10.39
Arochlor 1242	1	86.08	0.0179	ND	0.49	10.39
Arochlor 1248	1	86.08	0.0072	ND	0.49	10.39
Arochlor 1254	1	86.08	0.0045	ND	0.49	10.39
Arochlor 1260	1	86.08	0.0040	ND	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.75
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.62	0.0133	ND	0.49	10.09
Arochlor 1221	1	83.62	0.0244	ND	0.49	10.09
Arochlor 1232	1	83.62	0.0166	ND	0.49	10.09
Arochlor 1242	1	83.62	0.0190	ND	0.49	10.09
Arochlor 1248	1	83.62	0.0076	ND	0.49	10.09
Arochlor 1254	1	83.62	0.0047	ND	0.49	10.09
Arochlor 1260	1	83.62	0.0043	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.76
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.25	0.0118	ND	0.49	10.60
Arochlor 1221	1	89.25	0.0218	ND	0.49	10.60
Arochlor 1232	1	89.25	0.0148	ND	0.49	10.60
Arochlor 1242	1	89.25	0.0169	ND	0.49	10.60
Arochlor 1248	1	89.25	0.0068	ND	0.49	10.60
Arochlor 1254	1	89.25	0.0042	ND	0.49	10.60
Arochlor 1260	1	89.25	0.0038	ND	0.49	10.60

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.77
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.35	0.0126	ND	0.49	10.89
Arochlor 1221	1	81.35	0.0233	ND	0.49	10.89
Arochlor 1232	1	81.35	0.0158	ND	0.49	10.89
Arochlor 1242	10	81.35	0.1806	9.354	0.49	10.89
Arochlor 1248	1	81.35	0.0072	ND	0.49	10.89
Arochlor 1254	1	81.35	0.0045	ND	0.49	10.89
Arochlor 1260	1	81.35	0.0041	ND	0.49	10.89

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000728

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.78
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	49.85	0.0225	ND	0.49	9.97
Arochlor 1221	1	49.85	0.0414	ND	0.49	9.97
Arochlor 1232	1	49.85	0.0282	ND	0.49	9.97
Arochlor 1242	100	49.85	3.2193	805.055	0.49	9.97
Arochlor 1248	1	49.85	0.0129	ND	0.49	9.97
Arochlor 1254	1	49.85	0.0080	ND	0.49	9.97
Arochlor 1260	1	49.85	0.0072	ND	0.49	9.97

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.79
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24-C 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.52	0.0121	ND	0.49	10.92
Arochlor 1221	1	84.52	0.0223	ND	0.49	10.92
Arochlor 1232	1	84.52	0.0152	ND	0.49	10.92
Arochlor 1242	20	84.52	0.3467	48.835	0.49	10.92
Arochlor 1248	1	84.52	0.0069	ND	0.49	10.92
Arochlor 1254	1	84.52	0.0043	ND	0.49	10.92
Arochlor 1260	1	84.52	0.0039	ND	0.49	10.92

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24C 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.66	0.0133	ND	0.49	10.28
Arochlor 1221	1	81.66	0.0245	ND	0.49	10.28
Arochlor 1232	1	81.66	0.0167	ND	0.49	10.28
Arochlor 1242	1	81.66	0.0191	ND	0.49	10.28
Arochlor 1248	1	81.66	0.0076	ND	0.49	10.28
Arochlor 1254	1	81.66	0.0048	ND	0.49	10.28
Arochlor 1260	1	81.66	0.0043	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24C 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.06	0.0129	ND	0.49	10.31
Arochlor 1221	1	84.06	0.0238	ND	0.49	10.31
Arochlor 1232	1	84.06	0.0162	ND	0.49	10.31
Arochlor 1242	1	84.06	0.0185	ND	0.49	10.31
Arochlor 1248	1	84.06	0.0074	ND	0.49	10.31
Arochlor 1254	1	84.06	0.0046	ND	0.49	10.31
Arochlor 1260	1	84.06	0.0042	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24C 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.29	0.0123	ND	0.49	10.41
Arochlor 1221	1	87.29	0.0227	ND	0.49	10.41
Arochlor 1232	1	87.29	0.0154	ND	0.49	10.41
Arochlor 1242	1	87.29	0.0176	ND	0.49	10.41
Arochlor 1248	1	87.29	0.0070	ND	0.49	10.41
Arochlor 1254	1	87.29	0.0044	ND	0.49	10.41
Arochlor 1260	1	87.29	0.0040	ND	0.49	10.41

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/8/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24C 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.29**	**0.0120**	**ND**	**0.49**	**10.53**
Arochlor 1221	**1**	**88.29**	**0.0222**	**ND**	**0.49**	**10.53**
Arochlor 1232	**1**	**88.29**	**0.0151**	**ND**	**0.49**	**10.53**
Arochlor 1242	**1**	**88.29**	**0.0172**	**ND**	**0.49**	**10.53**
Arochlor 1248	**1**	**88.29**	**0.0069**	**ND**	**0.49**	**10.53**
Arochlor 1254	**1**	**88.29**	**0.0043**	**ND**	**0.49**	**10.53**
Arochlor 1260	**1**	**88.29**	**0.0039**	**ND**	**0.49**	**10.53**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.69
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.67	0.0129	ND	0.49	10.01
Arochlor 1221	1	86.67	0.0237	ND	0.49	10.01
Arochlor 1232	1	86.67	0.0161	ND	0.49	10.01
Arochlor 1242	1	86.67	0.0184	ND	0.49	10.01
Arochlor 1248	1	86.67	0.0074	ND	0.49	10.01
Arochlor 1254	1	86.67	0.0046	ND	0.49	10.01
Arochlor 1260	1	86.67	0.0041	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.70
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.29	0.0124	ND	0.49	10.37
Arochlor 1221	1	87.29	0.0228	ND	0.49	10.37
Arochlor 1232	1	87.29	0.0155	ND	0.49	10.37
Arochlor 1242	1	87.29	0.0177	ND	0.49	10.37
Arochlor 1248	1	87.29	0.0071	ND	0.49	10.37
Arochlor 1254	1	87.29	0.0044	ND	0.49	10.37
Arochlor 1260	1	87.29	0.0040	ND	0.49	10.37

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.71
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.03	0.0129	ND	0.49	10.10
Arochlor 1221	1	86.03	0.0237	ND	0.49	10.10
Arochlor 1232	1	86.03	0.0161	ND	0.49	10.10
Arochlor 1242	1	86.03	0.0184	ND	0.49	10.10
Arochlor 1248	1	86.03	0.0074	ND	0.49	10.10
Arochlor 1254	1	86.03	0.0046	ND	0.49	10.10
Arochlor 1260	1	86.03	0.0041	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.72
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/17/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.50	0.0132	ND	0.49	10.07
Arochlor 1221	1	84.50	0.0242	ND	0.49	10.07
Arochlor 1232	1	84.50	0.0165	ND	0.49	10.07
Arochlor 1242	1	84.50	0.0188	ND	0.49	10.07
Arochlor 1248	1	84.50	0.0075	ND	0.49	10.07
Arochlor 1254	1	84.50	0.0047	ND	0.49	10.07
Arochlor 1260	1	84.50	0.0042	ND	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.73
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.24	0.0126	ND	0.49	10.46
Arochlor 1221	1	85.24	0.0231	ND	0.49	10.46
Arochlor 1232	1	85.24	0.0157	ND	0.49	10.46
Arochlor 1242	1	85.24	0.0179	ND	0.49	10.46
Arochlor 1248	1	85.24	0.0072	ND	0.49	10.46
Arochlor 1254	1	85.24	0.0045	ND	0.49	10.46
Arochlor 1260	1	85.24	0.0040	ND	0.49	10.46

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.74
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.07	0.0141	ND	0.49	10.06
Arochlor 1221	1	79.07	0.0259	ND	0.49	10.06
Arochlor 1232	1	79.07	0.0176	ND	0.49	10.06
Arochlor 1242	1	79.07	0.0201	ND	0.49	10.06
Arochlor 1248	1	79.07	0.0080	ND	0.49	10.06
Arochlor 1254	1	79.07	0.0050	ND	0.49	10.06
Arochlor 1260	1	79.07	0.0045	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.75
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.95**	**0.0128**	**ND**	**0.49**	**10.19**
Arochlor 1221	**1**	**85.95**	**0.0235**	**ND**	**0.49**	**10.19**
Arochlor 1232	**1**	**85.95**	**0.0160**	**ND**	**0.49**	**10.19**
Arochlor 1242	**1**	**85.95**	**0.0183**	**ND**	**0.49**	**10.19**
Arochlor 1248	**1**	**85.95**	**0.0073**	**ND**	**0.49**	**10.19**
Arochlor 1254	**1**	**85.95**	**0.0046**	**ND**	**0.49**	**10.19**
Arochlor 1260	**1**	**85.95**	**0.0041**	**ND**	**0.49**	**10.19**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.76
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.69	0.0134	ND	0.49	10.11
Arochlor 1221	1	82.69	0.0246	ND	0.49	10.11
Arochlor 1232	1	82.69	0.0167	ND	0.49	10.11
Arochlor 1242	1	82.69	0.0191	ND	0.49	10.11
Arochlor 1248	1	82.69	0.0077	ND	0.49	10.11
Arochlor 1254	1	82.69	0.0048	ND	0.49	10.11
Arochlor 1260	1	82.69	0.0043	ND	0.49	10.11

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.77
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.75	0.0136	ND	0.49	10.17
Arochlor 1221	1	80.75	0.0251	ND	0.49	10.17
Arochlor 1232	1	80.75	0.0170	ND	0.49	10.17
Arochlor 1242	1	80.75	0.0195	ND	0.49	10.17
Arochlor 1248	1	80.75	0.0078	ND	0.49	10.17
Arochlor 1254	1	80.75	0.0049	ND	0.49	10.17
Arochlor 1260	1	80.75	0.0044	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.78
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24D 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	48.75	0.0226	ND	0.49	10.18
Arochlor 1221	1	48.75	0.0415	ND	0.49	10.18
Arochlor 1232	1	48.75	0.0282	ND	0.49	10.18
Arochlor 1242	1	48.75	0.0322	ND	0.49	10.18
Arochlor 1248	1	48.75	0.0129	ND	0.49	10.18
Arochlor 1254	1	48.75	0.0081	ND	0.49	10.18
Arochlor 1260	1	48.75	0.0073	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.79
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.96	0.0119	ND	0.49	10.13
Arochlor 1221	1	92.96	0.0219	ND	0.49	10.13
Arochlor 1232	1	92.96	0.0149	ND	0.49	10.13
Arochlor 1242	1	92.96	0.0170	ND	0.49	10.13
Arochlor 1248	1	92.96	0.0068	ND	0.49	10.13
Arochlor 1254	1	92.96	0.0042	ND	0.49	10.13
Arochlor 1260	1	92.96	0.0038	ND	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.80
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.46	0.0122	ND	0.49	10.03
Arochlor 1221	1	91.46	0.0225	ND	0.49	10.03
Arochlor 1232	1	91.46	0.0153	ND	0.49	10.03
Arochlor 1242	1	91.46	0.0174	ND	0.49	10.03
Arochlor 1248	1	91.46	0.0070	ND	0.49	10.03
Arochlor 1254	1	91.46	0.0044	ND	0.49	10.03
Arochlor 1260	1	91.46	0.0039	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.81
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/22/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.43	0.0134	ND	0.49	10.25
Arochlor 1221	1	81.43	0.0247	ND	0.49	10.25
Arochlor 1232	1	81.43	0.0168	ND	0.49	10.25
Arochlor 1242	1	81.43	0.0192	ND	0.49	10.25
Arochlor 1248	1	81.43	0.0077	ND	0.49	10.25
Arochlor 1254	1	81.43	0.0048	0.596	0.49	10.25
Arochlor 1260	1	81.43	0.0043	ND	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.82
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.25	0.0130	ND	0.49	10.00
Arochlor 1221	1	86.25	0.0239	ND	0.49	10.00
Arochlor 1232	1	86.25	0.0162	ND	0.49	10.00
Arochlor 1242	1	86.25	0.0186	ND	0.49	10.00
Arochlor 1248	1	86.25	0.0074	ND	0.49	10.00
Arochlor 1254	1	86.25	0.0046	ND	0.49	10.00
Arochlor 1260	1	86.25	0.0042	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.83
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	69.32	0.0156	ND	0.49	10.36
Arochlor 1221	1	69.32	0.0287	ND	0.49	10.36
Arochlor 1232	1	69.32	0.0195	ND	0.49	10.36
Arochlor 1242	1	69.32	0.0223	ND	0.49	10.36
Arochlor 1248	1	69.32	0.0089	ND	0.49	10.36
Arochlor 1254	1	69.32	0.0056	ND	0.49	10.36
Arochlor 1260	1	69.32	0.0050	0.591	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.84
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.38	0.0115	ND	0.49	10.28
Arochlor 1221	1	94.38	0.0212	ND	0.49	10.28
Arochlor 1232	1	94.38	0.0144	ND	0.49	10.28
Arochlor 1242	1	94.38	0.0165	ND	0.49	10.28
Arochlor 1248	1	94.38	0.0066	ND	0.49	10.28
Arochlor 1254	1	94.38	0.0041	ND	0.49	10.28
Arochlor 1260	1	94.38	0.0037	ND	0.49	10.28

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.85
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.69	0.0126	ND	0.49	10.22
Arochlor 1221	1	86.69	0.0233	ND	0.49	10.22
Arochlor 1232	1	86.69	0.0158	ND	0.49	10.22
Arochlor 1242	1	86.69	0.0181	ND	0.49	10.22
Arochlor 1248	1	86.69	0.0072	ND	0.49	10.22
Arochlor 1254	1	86.69	0.0045	ND	0.49	10.22
Arochlor 1260	1	86.69	0.0041	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.86
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.51**	**0.0129**	**ND**	**0.49**	**10.01**
Arochlor 1221	**1**	**86.51**	**0.0238**	**ND**	**0.49**	**10.01**
Arochlor 1232	**1**	**86.51**	**0.0162**	**ND**	**0.49**	**10.01**
Arochlor 1242	**1**	**86.51**	**0.0185**	**ND**	**0.49**	**10.01**
Arochlor 1248	**1**	**86.51**	**0.0074**	**ND**	**0.49**	**10.01**
Arochlor 1254	**1**	**86.51**	**0.0046**	**ND**	**0.49**	**10.01**
Arochlor 1260	**1**	**86.51**	**0.0042**	**ND**	**0.49**	**10.01**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.87
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**86.24**	**0.0129**	**ND**	**0.49**	**10.07**
Arochlor 1221	**1**	**86.24**	**0.0237**	**ND**	**0.49**	**10.07**
Arochlor 1232	**1**	**86.24**	**0.0161**	**ND**	**0.49**	**10.07**
Arochlor 1242	**1**	**86.24**	**0.0184**	**ND**	**0.49**	**10.07**
Arochlor 1248	**1**	**86.24**	**0.0074**	**ND**	**0.49**	**10.07**
Arochlor 1254	**1**	**86.24**	**0.0046**	**ND**	**0.49**	**10.07**
Arochlor 1260	**1**	**86.24**	**0.0041**	**ND**	**0.49**	**10.07**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.88
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24E 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**72.97**	**0.0152**	**ND**	**0.49**	**10.10**
Arochlor 1221	**1**	**72.97**	**0.0280**	**ND**	**0.49**	**10.10**
Arochlor 1232	**1**	**72.97**	**0.0190**	**ND**	**0.49**	**10.10**
Arochlor 1242	**1**	**72.97**	**0.0217**	**ND**	**0.49**	**10.10**
Arochlor 1248	**1**	**72.97**	**0.0087**	**ND**	**0.49**	**10.10**
Arochlor 1254	**1**	**72.97**	**0.0054**	**ND**	**0.49**	**10.10**
Arochlor 1260	**1**	**72.97**	**0.0049**	**ND**	**0.49**	**10.10**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.89
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.84	0.0134	ND	0.49	10.36
Arochlor 1221	1	80.84	0.0246	ND	0.49	10.36
Arochlor 1232	1	80.84	0.0167	ND	0.49	10.36
Arochlor 1242	1	80.84	0.0191	ND	0.49	10.36
Arochlor 1248	1	80.84	0.0076	ND	0.49	10.36
Arochlor 1254	1	80.84	0.0048	ND	0.49	10.36
Arochlor 1260	1	80.84	0.0043	ND	0.49	10.36

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.90
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.34**	**0.0131**	**ND**	**0.49**	**10.17**
Arochlor 1221	**1**	**84.34**	**0.0240**	**ND**	**0.49**	**10.17**
Arochlor 1232	**1**	**84.34**	**0.0163**	**ND**	**0.49**	**10.17**
Arochlor 1242	**1**	**84.34**	**0.0187**	**ND**	**0.49**	**10.17**
Arochlor 1248	**1**	**84.34**	**0.0075**	**ND**	**0.49**	**10.17**
Arochlor 1254	**1**	**84.34**	**0.0047**	**ND**	**0.49**	**10.17**
Arochlor 1260	**1**	**84.34**	**0.0042**	**ND**	**0.49**	**10.17**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.91
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.05	0.0134	ND	0.49	10.09
Arochlor 1221	1	83.05	0.0246	ND	0.49	10.09
Arochlor 1232	1	83.05	0.0167	ND	0.49	10.09
Arochlor 1242	1	83.05	0.0191	ND	0.49	10.09
Arochlor 1248	1	83.05	0.0076	ND	0.49	10.09
Arochlor 1254	1	83.05	0.0048	ND	0.49	10.09
Arochlor 1260	1	83.05	0.0043	ND	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.92
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.85	0.0125	ND	0.49	10.29
Arochlor 1221	1	86.85	0.0231	ND	0.49	10.29
Arochlor 1232	1	86.85	0.0157	ND	0.49	10.29
Arochlor 1242	1	86.85	0.0179	ND	0.49	10.29
Arochlor 1248	1	86.85	0.0072	ND	0.49	10.29
Arochlor 1254	1	86.85	0.0045	ND	0.49	10.29
Arochlor 1260	1	86.85	0.0040	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.93
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**85.67**	**0.0128**	**ND**	**0.49**	**10.18**
Arochlor 1221	**1**	**85.67**	**0.0236**	**ND**	**0.49**	**10.18**
Arochlor 1232	**1**	**85.67**	**0.0161**	**ND**	**0.49**	**10.18**
Arochlor 1242	**1**	**85.67**	**0.0183**	**ND**	**0.49**	**10.18**
Arochlor 1248	**1**	**85.67**	**0.0073**	**ND**	**0.49**	**10.18**
Arochlor 1254	**1**	**85.67**	**0.0046**	**ND**	**0.49**	**10.18**
Arochlor 1260	**1**	**85.67**	**0.0041**	**ND**	**0.49**	**10.18**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.94
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.73	0.0129	ND	0.49	10.03
Arochlor 1221	1	86.73	0.0237	ND	0.49	10.03
Arochlor 1232	1	86.73	0.0161	ND	0.49	10.03
Arochlor 1242	1	86.73	0.0184	ND	0.49	10.03
Arochlor 1248	1	86.73	0.0074	ND	0.49	10.03
Arochlor 1254	1	86.73	0.0046	ND	0.49	10.03
Arochlor 1260	1	86.73	0.0041	ND	0.49	10.03

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.95
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.28	0.0130	ND	0.49	10.22
Arochlor 1221	1	84.28	0.0239	ND	0.49	10.22
Arochlor 1232	1	84.28	0.0163	ND	0.49	10.22
Arochlor 1242	1	84.28	0.0186	ND	0.49	10.22
Arochlor 1248	1	84.28	0.0074	ND	0.49	10.22
Arochlor 1254	1	84.28	0.0046	ND	0.49	10.22
Arochlor 1260	1	84.28	0.0042	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.96
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.42	0.0126	ND	0.49	10.40
Arochlor 1221	1	85.42	0.0232	ND	0.49	10.40
Arochlor 1232	1	85.42	0.0158	ND	0.49	10.40
Arochlor 1242	1	85.42	0.0180	ND	0.49	10.40
Arochlor 1248	1	85.42	0.0072	ND	0.49	10.40
Arochlor 1254	1	85.42	0.0045	ND	0.49	10.40
Arochlor 1260	1	85.42	0.0041	ND	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.97
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.06	0.0117	ND	0.49	10.25
Arochlor 1221	1	93.06	0.0216	ND	0.49	10.25
Arochlor 1232	1	93.06	0.0147	ND	0.49	10.25
Arochlor 1242	1	93.06	0.0168	ND	0.49	10.25
Arochlor 1248	1	93.06	0.0067	ND	0.49	10.25
Arochlor 1254	1	93.06	0.0042	ND	0.49	10.25
Arochlor 1260	1	93.06	0.0038	4.126	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.98
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24F 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	71.33	0.0151	ND	0.49	10.40
Arochlor 1221	1	71.33	0.0278	ND	0.49	10.40
Arochlor 1232	1	71.33	0.0189	ND	0.49	10.40
Arochlor 1242	1	71.33	0.0216	ND	0.49	10.40
Arochlor 1248	1	71.33	0.0086	ND	0.49	10.40
Arochlor 1254	1	71.33	0.0054	ND	0.49	10.40
Arochlor 1260	1	71.33	0.0049	1.756	0.49	10.40

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.99
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.89	0.0134	ND	0.49	10.06
Arochlor 1221	1	82.89	0.0247	ND	0.49	10.06
Arochlor 1232	1	82.89	0.0168	ND	0.49	10.06
Arochlor 1242	1	82.89	0.0192	ND	0.49	10.06
Arochlor 1248	1	82.89	0.0077	ND	0.49	10.06
Arochlor 1254	1	82.89	0.0048	ND	0.49	10.06
Arochlor 1260	1	82.89	0.0043	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.100
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.73	0.0129	ND	0.49	10.12
Arochlor 1221	1	85.73	0.0237	ND	0.49	10.12
Arochlor 1232	1	85.73	0.0161	ND	0.49	10.12
Arochlor 1242	1	85.73	0.0184	ND	0.49	10.12
Arochlor 1248	1	85.73	0.0074	ND	0.49	10.12
Arochlor 1254	1	85.73	0.0046	ND	0.49	10.12
Arochlor 1260	1	85.73	0.0041	ND	0.49	10.12

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.101
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.52	0.0130	ND	0.49	10.30
Arochlor 1221	1	83.52	0.0239	ND	0.49	10.30
Arochlor 1232	1	83.52	0.0163	ND	0.49	10.30
Arochlor 1242	1	83.52	0.0186	ND	0.49	10.30
Arochlor 1248	1	83.52	0.0074	ND	0.49	10.30
Arochlor 1254	1	83.52	0.0046	ND	0.49	10.30
Arochlor 1260	1	83.52	0.0042	ND	0.49	10.30

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.102
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.35	0.0129	ND	0.49	10.39
Arochlor 1221	1	83.35	0.0238	ND	0.49	10.39
Arochlor 1232	1	83.35	0.0162	ND	0.49	10.39
Arochlor 1242	1	83.35	0.0185	ND	0.49	10.39
Arochlor 1248	1	83.35	0.0074	ND	0.49	10.39
Arochlor 1254	1	83.35	0.0046	ND	0.49	10.39
Arochlor 1260	1	83.35	0.0042	ND	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.103
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.92	0.0120	ND	0.49	10.34
Arochlor 1221	1	89.92	0.0222	ND	0.49	10.34
Arochlor 1232	1	89.92	0.0151	ND	0.49	10.34
Arochlor 1242	1	89.92	0.0172	ND	0.49	10.34
Arochlor 1248	1	89.92	0.0069	ND	0.49	10.34
Arochlor 1254	1	89.92	0.0043	ND	0.49	10.34
Arochlor 1260	1	89.92	0.0039	ND	0.49	10.34

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.104
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.27	0.0123	ND	0.49	10.16
Arochlor 1221	1	89.27	0.0227	ND	0.49	10.16
Arochlor 1232	1	89.27	0.0154	ND	0.49	10.16
Arochlor 1242	1	89.27	0.0176	ND	0.49	10.16
Arochlor 1248	1	89.27	0.0071	ND	0.49	10.16
Arochlor 1254	1	89.27	0.0044	ND	0.49	10.16
Arochlor 1260	1	89.27	0.0040	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.105
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.51	0.0125	ND	0.49	10.16
Arochlor 1221	1	88.51	0.0229	ND	0.49	10.16
Arochlor 1232	1	88.51	0.0156	ND	0.49	10.16
Arochlor 1242	1	88.51	0.0178	ND	0.49	10.16
Arochlor 1248	1	88.51	0.0071	ND	0.49	10.16
Arochlor 1254	1	88.51	0.0044	ND	0.49	10.16
Arochlor 1260	1	88.51	0.0040	ND	0.49	10.16

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.106
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.83	0.0134	ND	0.49	10.11
Arochlor 1221	1	82.83	0.0246	ND	0.49	10.11
Arochlor 1232	1	82.83	0.0167	ND	0.49	10.11
Arochlor 1242	1	82.83	0.0191	ND	0.49	10.11
Arochlor 1248	1	82.83	0.0076	ND	0.49	10.11
Arochlor 1254	1	82.83	0.0048	ND	0.49	10.11
Arochlor 1260	1	82.83	0.0043	ND	0.49	10.11

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.107
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.67	0.0130	ND	0.49	10.39
Arochlor 1221	1	82.67	0.0240	ND	0.49	10.39
Arochlor 1232	1	82.67	0.0163	ND	0.49	10.39
Arochlor 1242	1	82.67	0.0186	ND	0.49	10.39
Arochlor 1248	1	82.67	0.0075	ND	0.49	10.39
Arochlor 1254	1	82.67	0.0047	ND	0.49	10.39
Arochlor 1260	1	82.67	0.0042	ND	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.108
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24G 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	54.16	0.0200	ND	0.49	10.32
Arochlor 1221	1	54.16	0.0369	ND	0.49	10.32
Arochlor 1232	1	54.16	0.0250	ND	0.49	10.32
Arochlor 1242	1	54.16	0.0286	ND	0.49	10.32
Arochlor 1248	1	54.16	0.0115	ND	0.49	10.32
Arochlor 1254	1	54.16	0.0072	ND	0.49	10.32
Arochlor 1260	1	54.16	0.0064	ND	0.49	10.32

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.109
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	62.24	0.0177	ND	0.49	10.17
Arochlor 1221	1	62.24	0.0325	ND	0.49	10.17
Arochlor 1232	1	62.24	0.0221	ND	0.49	10.17
Arochlor 1242	1	62.24	0.0253	ND	0.49	10.17
Arochlor 1248	1	62.24	0.0101	ND	0.49	10.17
Arochlor 1254	1	62.24	0.0063	ND	0.49	10.17
Arochlor 1260	1	62.24	0.0057	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.110
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.01	0.0127	ND	0.49	10.22
Arochlor 1221	1	86.01	0.0234	ND	0.49	10.22
Arochlor 1232	1	86.01	0.0159	ND	0.49	10.22
Arochlor 1242	1	86.01	0.0182	ND	0.49	10.22
Arochlor 1248	1	86.01	0.0073	ND	0.49	10.22
Arochlor 1254	1	86.01	0.0046	ND	0.49	10.22
Arochlor 1260	1	86.01	0.0041	ND	0.49	10.22

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.111
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**79.72**	**0.0140**	**ND**	**0.49**	**10.05**
Arochlor 1221	**1**	**79.72**	**0.0257**	**ND**	**0.49**	**10.05**
Arochlor 1232	**1**	**79.72**	**0.0175**	**ND**	**0.49**	**10.05**
Arochlor 1242	**1**	**79.72**	**0.0200**	**ND**	**0.49**	**10.05**
Arochlor 1248	**1**	**79.72**	**0.0080**	**ND**	**0.49**	**10.05**
Arochlor 1254	**1**	**79.72**	**0.0050**	**ND**	**0.49**	**10.05**
Arochlor 1260	**1**	**79.72**	**0.0045**	**ND**	**0.49**	**10.05**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.112
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/18/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.58	0.0125	ND	0.49	10.32
Arochlor 1221	1	86.58	0.0231	ND	0.49	10.32
Arochlor 1232	1	86.58	0.0157	ND	0.49	10.32
Arochlor 1242	1	86.58	0.0179	ND	0.49	10.32
Arochlor 1248	1	86.58	0.0072	ND	0.49	10.32
Arochlor 1254	1	86.58	0.0045	ND	0.49	10.32
Arochlor 1260	1	86.58	0.0040	ND	0.49	10.32

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.113
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/17/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.71	0.0133	ND	0.49	10.04
Arochlor 1221	1	83.71	0.0245	ND	0.49	10.04
Arochlor 1232	1	83.71	0.0167	ND	0.49	10.04
Arochlor 1242	1	83.71	0.0190	ND	0.49	10.04
Arochlor 1248	1	83.71	0.0076	ND	0.49	10.04
Arochlor 1254	1	83.71	0.0048	ND	0.49	10.04
Arochlor 1260	1	83.71	0.0043	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.114
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.84	0.0117	ND	0.49	10.24
Arochlor 1221	1	93.84	0.0214	ND	0.49	10.24
Arochlor 1232	1	93.84	0.0146	ND	0.49	10.24
Arochlor 1242	1	93.84	0.0167	ND	0.49	10.24
Arochlor 1248	1	93.84	0.0067	ND	0.49	10.24
Arochlor 1254	1	93.84	0.0042	ND	0.49	10.24
Arochlor 1260	1	93.84	0.0037	ND	0.49	10.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.115
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**91.38**	**0.0120**	**ND**	**0.49**	**10.25**
Arochlor 1221	**1**	**91.38**	**0.0220**	**ND**	**0.49**	**10.25**
Arochlor 1232	**1**	**91.38**	**0.0149**	**ND**	**0.49**	**10.25**
Arochlor 1242	**1**	**91.38**	**0.0171**	**ND**	**0.49**	**10.25**
Arochlor 1248	**1**	**91.38**	**0.0068**	**ND**	**0.49**	**10.25**
Arochlor 1254	**1**	**91.38**	**0.0043**	**ND**	**0.49**	**10.25**
Arochlor 1260	**1**	**91.38**	**0.0038**	**ND**	**0.49**	**10.25**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.116
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.40**	**0.0131**	**ND**	**0.49**	**10.14**
Arochlor 1221	**1**	**84.40**	**0.0241**	**ND**	**0.49**	**10.14**
Arochlor 1232	**1**	**84.40**	**0.0164**	**ND**	**0.49**	**10.14**
Arochlor 1242	**1**	**84.40**	**0.0187**	**ND**	**0.49**	**10.14**
Arochlor 1248	**1**	**84.40**	**0.0075**	**ND**	**0.49**	**10.14**
Arochlor 1254	**1**	**84.40**	**0.0047**	**ND**	**0.49**	**10.14**
Arochlor 1260	**1**	**84.40**	**0.0042**	**ND**	**0.49**	**10.14**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000781

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.117
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.01	0.0126	ND	0.49	10.18
Arochlor 1221	1	87.01	0.0233	ND	0.49	10.18
Arochlor 1232	1	87.01	0.0158	ND	0.49	10.18
Arochlor 1242	1	87.01	0.0181	ND	0.49	10.18
Arochlor 1248	1	87.01	0.0072	ND	0.49	10.18
Arochlor 1254	1	87.01	0.0045	ND	0.49	10.18
Arochlor 1260	1	87.01	0.0041	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5148.118
	DPW. SELFM-PW-EV	**Date Rec'd:**	2/7/00
	Bldg. 173	**Extraction Date:**	2/18/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/19/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	24H 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**83.10**	**0.0132**	**ND**	**0.49**	**10.19**
Arochlor 1221	**1**	**83.10**	**0.0243**	**ND**	**0.49**	**10.19**
Arochlor 1232	**1**	**83.10**	**0.0165**	**ND**	**0.49**	**10.19**
Arochlor 1242	**1**	**83.10**	**0.0189**	**ND**	**0.49**	**10.19**
Arochlor 1248	**1**	**83.10**	**0.0076**	**ND**	**0.49**	**10.19**
Arochlor 1254	**1**	**83.10**	**0.0047**	**ND**	**0.49**	**10.19**
Arochlor 1260	**1**	**83.10**	**0.0043**	**ND**	**0.49**	**10.19**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**25**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**81.82**	**0.0131**	**ND**	**0.49**	**10.45**
Arochlor 1221	**1**	**81.82**	**0.0241**	**ND**	**0.49**	**10.45**
Arochlor 1232	**1**	**81.82**	**0.0164**	**ND**	**0.49**	**10.45**
Arochlor 1242	**1**	**81.82**	**0.0187**	**ND**	**0.49**	**10.45**
Arochlor 1248	**1**	**81.82**	**0.0075**	**ND**	**0.49**	**10.45**
Arochlor 1254	**1**	**81.82**	**0.0047**	**ND**	**0.49**	**10.45**
Arochlor 1260	**1**	**81.82**	**0.0042**	**ND**	**0.49**	**10.45**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	25 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.46	0.0123	ND	0.49	9.97
Arochlor 1221	1	91.46	0.0226	ND	0.49	9.97
Arochlor 1232	1	91.46	0.0154	ND	0.49	9.97
Arochlor 1242	1	91.46	0.0175	ND	0.49	9.97
Arochlor 1248	1	91.46	0.0070	ND	0.49	9.97
Arochlor 1254	1	91.46	0.0044	ND	0.49	9.97
Arochlor 1260	1	91.46	0.0039	ND	0.49	9.97

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000785

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4316.11 3/3/99 3/5/99 3/8/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **25** **24-30"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.26	0.0118	ND	0.49	10.48
Arochlor 1221	1	90.26	0.0218	ND	0.49	10.48
Arochlor 1232	1	90.26	0.0148	ND	0.49	10.48
Arochlor 1242	1	90.26	0.0169	ND	0.49	10.48
Arochlor 1248	1	90.26	0.0068	ND	0.49	10.48
Arochlor 1254	1	90.26	0.0042	ND	0.49	10.48
Arochlor 1260	1	90.26	0.0038	ND	0.49	10.48

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**25**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	73.35	0.0140	0.653	0.49	10.87
Arochlor 1221	1	73.35	0.0258	ND	0.49	10.87
Arochlor 1232	1	73.35	0.0176	ND	0.49	10.87
Arochlor 1242	1	73.35	0.0201	ND	0.49	10.87
Arochlor 1248	1	73.35	0.0080	ND	0.49	10.87
Arochlor 1254	1	73.35	0.0050	ND	0.49	10.87
Arochlor 1260	1	73.35	0.0045	0.690	0.49	10.87

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**25**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	72.84	0.0148	ND	0.49	10.38
Arochlor 1221	1	72.84	0.0272	ND	0.49	10.38
Arochlor 1232	1	72.84	0.0185	ND	0.49	10.38
Arochlor 1242	1	72.84	0.0212	ND	0.49	10.38
Arochlor 1248	1	72.84	0.0085	ND	0.49	10.38
Arochlor 1254	1	72.84	0.0053	ND	0.49	10.38
Arochlor 1260	1	72.84	0.0048	0.039	0.49	10.38

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/26/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	25
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	69.52	0.0150	ND	0.49	10.76
Arochlor 1221	1	69.52	0.0275	ND	0.49	10.76
Arochlor 1232	1	69.52	0.0187	ND	0.49	10.76
Arochlor 1242	1	69.52	0.0214	ND	0.49	10.76
Arochlor 1248	1	69.52	0.0086	ND	0.49	10.76
Arochlor 1254	1	69.52	0.0053	7.057	0.49	10.76
Arochlor 1260	1	69.52	0.0048	ND	0.49	10.76

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.61
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	25 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.08	0.0128	ND	0.49	10.08
Arochlor 1221	1	87.08	0.0235	ND	0.49	10.08
Arochlor 1232	1	87.08	0.0159	ND	0.49	10.08
Arochlor 1242	1	87.08	0.0182	ND	0.49	10.08
Arochlor 1248	1	87.08	0.0073	ND	0.49	10.08
Arochlor 1254	1	87.08	0.0046	ND	0.49	10.08
Arochlor 1260	1	87.08	0.0041	ND	0.49	10.08

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.62
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	25 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.65	0.0117	ND	0.49	10.88
Arochlor 1221	1	87.65	0.0216	ND	0.49	10.88
Arochlor 1232	1	87.65	0.0147	ND	0.49	10.88
Arochlor 1242	1	87.65	0.0168	ND	0.49	10.88
Arochlor 1248	1	87.65	0.0067	ND	0.49	10.88
Arochlor 1254	1	87.65	0.0042	ND	0.49	10.88
Arochlor 1260	1	87.65	0.0038	ND	0.49	10.88

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.63
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	25 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**88.30**	**0.0119**	**ND**	**0.49**	**10.64**
Arochlor 1221	**1**	**88.30**	**0.0219**	**ND**	**0.49**	**10.64**
Arochlor 1232	**1**	**88.30**	**0.0149**	**ND**	**0.49**	**10.64**
Arochlor 1242	**1**	**88.30**	**0.0170**	**ND**	**0.49**	**10.64**
Arochlor 1248	**1**	**88.30**	**0.0068**	**ND**	**0.49**	**10.64**
Arochlor 1254	**1**	**88.30**	**0.0043**	**ND**	**0.49**	**10.64**
Arochlor 1260	**1**	**88.30**	**0.0038**	**ND**	**0.49**	**10.64**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.64
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	25 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.65	0.0125	ND	0.49	10.23
Arochlor 1221	1	87.65	0.0230	ND	0.49	10.23
Arochlor 1232	1	87.65	0.0156	ND	0.49	10.23
Arochlor 1242	1	87.65	0.0178	ND	0.49	10.23
Arochlor 1248	1	87.65	0.0071	ND	0.49	10.23
Arochlor 1254	1	87.65	0.0045	ND	0.49	10.23
Arochlor 1260	1	87.65	0.0040	ND	0.49	10.23

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/8/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**26**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.32**	**0.0129**	**ND**	**0.49**	**10.30**
Arochlor 1221	**1**	**84.32**	**0.0237**	**ND**	**0.49**	**10.30**
Arochlor 1232	**1**	**84.32**	**0.0161**	**ND**	**0.49**	**10.30**
Arochlor 1242	**1**	**84.32**	**0.0184**	**ND**	**0.49**	**10.30**
Arochlor 1248	**1**	**84.32**	**0.0074**	**ND**	**0.49**	**10.30**
Arochlor 1254	**1**	**84.32**	**0.0046**	**ND**	**0.49**	**10.30**
Arochlor 1260	**1**	**84.32**	**0.0041**	**0.020**	**0.49**	**10.30**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.45	0.0115	ND	0.49	11.24
Arochlor 1221	1	86.45	0.0212	ND	0.49	11.24
Arochlor 1232	1	86.45	0.0144	ND	0.49	11.24
Arochlor 1242	1	86.45	0.0165	ND	0.49	11.24
Arochlor 1248	1	86.45	0.0066	ND	0.49	11.24
Arochlor 1254	1	86.45	0.0041	ND	0.49	11.24
Arochlor 1260	1	86.45	0.0037	ND	0.49	11.24

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**26**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.15	0.0124	ND	0.49	9.81
Arochlor 1221	1	92.15	0.0228	ND	0.49	9.81
Arochlor 1232	1	92.15	0.0155	ND	0.49	9.81
Arochlor 1242	1	92.15	0.0177	ND	0.49	9.81
Arochlor 1248	1	92.15	0.0071	ND	0.49	9.81
Arochlor 1254	1	92.15	0.0044	ND	0.49	9.81
Arochlor 1260	1	92.15	0.0040	ND	0.49	9.81

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.12	0.0117	0.320	0.49	10.85
Arochlor 1221	1	88.12	0.0215	ND	0.49	10.85
Arochlor 1232	1	88.12	0.0146	ND	0.49	10.85
Arochlor 1242	1	88.12	0.0167	ND	0.49	10.85
Arochlor 1248	1	88.12	0.0067	ND	0.49	10.85
Arochlor 1254	1	88.12	0.0042	ND	0.49	10.85
Arochlor 1260	1	88.12	0.0038	0.383	0.49	10.85

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000797

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	75.62	0.0127	1.132	0.49	11.69
Arochlor 1221	1	75.62	0.0233	ND	0.49	11.69
Arochlor 1232	1	75.62	0.0158	ND	0.49	11.69
Arochlor 1242	1	75.62	0.0181	ND	0.49	11.69
Arochlor 1248	1	75.62	0.0072	ND	0.49	11.69
Arochlor 1254	1	75.62	0.0045	ND	0.49	11.69
Arochlor 1260	1	75.62	0.0041	0.026	0.49	11.69

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**26**
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**39.37**	**0.0283**	**4.231**	**0.49**	**10.05**
Arochlor 1221	**1**	**39.37**	**0.0521**	**ND**	**0.49**	**10.05**
Arochlor 1232	**1**	**39.37**	**0.0354**	**ND**	**0.49**	**10.05**
Arochlor 1242	**1**	**39.37**	**0.0404**	**ND**	**0.49**	**10.05**
Arochlor 1248	**1**	**39.37**	**0.0162**	**ND**	**0.49**	**10.05**
Arochlor 1254	**1**	**39.37**	**0.0101**	**ND**	**0.49**	**10.05**
Arochlor 1260	**1**	**39.37**	**0.0091**	**ND**	**0.49**	**10.05**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.65
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	26 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.70	0.0125	ND	0.49	10.58
Arochlor 1221	1	84.70	0.0230	ND	0.49	10.58
Arochlor 1232	1	84.70	0.0156	ND	0.49	10.58
Arochlor 1242	1	84.70	0.0179	ND	0.49	10.58
Arochlor 1248	1	84.70	0.0071	ND	0.49	10.58
Arochlor 1254	1	84.70	0.0045	ND	0.49	10.58
Arochlor 1260	1	84.70	0.0040	ND	0.49	10.58

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.66
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	26 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.28	0.0127	ND	0.49	10.02
Arochlor 1221	1	88.28	0.0233	ND	0.49	10.02
Arochlor 1232	1	88.28	0.0158	ND	0.49	10.02
Arochlor 1242	1	88.28	0.0181	ND	0.49	10.02
Arochlor 1248	1	88.28	0.0072	ND	0.49	10.02
Arochlor 1254	1	88.28	0.0045	ND	0.49	10.02
Arochlor 1260	1	88.28	0.0041	ND	0.49	10.02

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.67
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	26 96-102"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.60	0.0120	ND	0.49	10.42
Arochlor 1221	1	89.60	0.0221	ND	0.49	10.42
Arochlor 1232	1	89.60	0.0150	ND	0.49	10.42
Arochlor 1242	1	89.60	0.0171	ND	0.49	10.42
Arochlor 1248	1	89.60	0.0069	ND	0.49	10.42
Arochlor 1254	1	89.60	0.0043	ND	0.49	10.42
Arochlor 1260	1	89.60	0.0039	ND	0.49	10.42

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000802

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5119.68
	DPW. SELFM-PW-EV	**Date Rec'd:**	1/24/00
	Bldg. 173	**Extraction Date:**	1/28/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/1/00
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	26 108-114"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.46	0.0116	ND	0.49	10.79
Arochlor 1221	1	89.46	0.0213	ND	0.49	10.79
Arochlor 1232	1	89.46	0.0145	ND	0.49	10.79
Arochlor 1242	1	89.46	0.0166	ND	0.49	10.79
Arochlor 1248	1	89.46	0.0066	ND	0.49	10.79
Arochlor 1254	1	89.46	0.0041	ND	0.49	10.79
Arochlor 1260	1	89.46	0.0037	ND	0.49	10.79

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	93.51	0.0118	ND	0.49	10.15
Arochlor 1221	1	93.51	0.0217	ND	0.49	10.15
Arochlor 1232	1	93.51	0.0148	ND	0.49	10.15
Arochlor 1242	1	93.51	0.0169	ND	0.49	10.15
Arochlor 1248	1	93.51	0.0067	ND	0.49	10.15
Arochlor 1254	1	93.51	0.0042	ND	0.49	10.15
Arochlor 1260	1	93.51	0.0038	ND	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.71	0.0118	ND	0.49	10.82
Arochlor 1221	1	87.71	0.0217	ND	0.49	10.82
Arochlor 1232	1	87.71	0.0148	ND	0.49	10.82
Arochlor 1242	1	87.71	0.0169	ND	0.49	10.82
Arochlor 1248	1	87.71	0.0067	ND	0.49	10.82
Arochlor 1254	1	87.71	0.0042	ND	0.49	10.82
Arochlor 1260	1	87.71	0.0038	ND	0.49	10.82

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4316.25 3/3/99 3/8/99 3/9/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **27** **24-30"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.89	0.0144	ND	0.49	9.52
Arochlor 1221	1	81.89	0.0264	ND	0.49	9.52
Arochlor 1232	1	81.89	0.0180	ND	0.49	9.52
Arochlor 1242	1	81.89	0.0205	ND	0.49	9.52
Arochlor 1248	1	81.89	0.0082	ND	0.49	9.52
Arochlor 1254	1	81.89	0.0051	ND	0.49	9.52
Arochlor 1260	1	81.89	0.0046	ND	0.49	9.52

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**27**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.55	0.0113	ND	0.49	11.09
Arochlor 1221	1	89.55	0.0207	ND	0.49	11.09
Arochlor 1232	1	89.55	0.0141	ND	0.49	11.09
Arochlor 1242	1	89.55	0.0161	ND	0.49	11.09
Arochlor 1248	1	89.55	0.0064	ND	0.49	11.09
Arochlor 1254	1	89.55	0.0040	ND	0.49	11.09
Arochlor 1260	1	89.55	0.0036	0.707	0.49	11.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/9/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**27**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.15	0.0131	ND	0.49	10.18
Arochlor 1221	1	84.15	0.0240	ND	0.49	10.18
Arochlor 1232	1	84.15	0.0163	ND	0.49	10.18
Arochlor 1242	1	84.15	0.0187	ND	0.49	10.18
Arochlor 1248	1	84.15	0.0075	ND	0.49	10.18
Arochlor 1254	1	84.15	0.0047	ND	0.49	10.18
Arochlor 1260	1	84.15	0.0042	ND	0.49	10.18

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4316.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/3/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/11/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.53	0.0115	ND	0.49	11.00
Arochlor 1221	1	88.53	0.0212	ND	0.49	11.00
Arochlor 1232	1	88.53	0.0144	ND	0.49	11.00
Arochlor 1242	1	88.53	0.0164	ND	0.49	11.00
Arochlor 1248	1	88.53	0.0066	ND	0.49	11.00
Arochlor 1254	1	88.53	0.0041	ND	0.49	11.00
Arochlor 1260	1	88.53	0.0037	0.033	0.49	11.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.58	0.0123	ND	0.49	10.78
Arochlor 1221	1	84.58	0.0226	ND	0.49	10.78
Arochlor 1232	1	84.58	0.0154	ND	0.49	10.78
Arochlor 1242	1	84.58	0.0175	ND	0.49	10.78
Arochlor 1248	1	84.58	0.0070	ND	0.49	10.78
Arochlor 1254	1	84.58	0.0044	ND	0.49	10.78
Arochlor 1260	1	84.58	0.0039	ND	0.49	10.78

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	86.37	0.0124	ND	0.49	10.47
Arochlor 1221	1	86.37	0.0228	ND	0.49	10.47
Arochlor 1232	1	86.37	0.0155	ND	0.49	10.47
Arochlor 1242	1	86.37	0.0177	ND	0.49	10.47
Arochlor 1248	1	86.37	0.0071	ND	0.49	10.47
Arochlor 1254	1	86.37	0.0044	ND	0.49	10.47
Arochlor 1260	1	86.37	0.0040	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**87.10**	**0.0125**	**ND**	**0.49**	**10.32**
Arochlor 1221	**1**	**87.10**	**0.0229**	**ND**	**0.49**	**10.32**
Arochlor 1232	**1**	**87.10**	**0.0156**	**ND**	**0.49**	**10.32**
Arochlor 1242	**1**	**87.10**	**0.0178**	**ND**	**0.49**	**10.32**
Arochlor 1248	**1**	**87.10**	**0.0071**	**ND**	**0.49**	**10.32**
Arochlor 1254	**1**	**87.10**	**0.0045**	**ND**	**0.49**	**10.32**
Arochlor 1260	**1**	**87.10**	**0.0040**	**ND**	**0.49**	**10.32**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.31	0.0115	ND	0.49	10.59
Arochlor 1221	1	92.31	0.0211	ND	0.49	10.59
Arochlor 1232	1	92.31	0.0143	ND	0.49	10.59
Arochlor 1242	1	92.31	0.0164	ND	0.49	10.59
Arochlor 1248	1	92.31	0.0065	ND	0.49	10.59
Arochlor 1254	1	92.31	0.0041	ND	0.49	10.59
Arochlor 1260	1	92.31	0.0037	ND	0.49	10.59

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.27
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	91.80	0.0122	ND	0.49	10.04
Arochlor 1221	1	91.80	0.0224	ND	0.49	10.04
Arochlor 1232	1	91.80	0.0152	ND	0.49	10.04
Arochlor 1242	1	91.80	0.0174	ND	0.49	10.04
Arochlor 1248	1	91.80	0.0069	ND	0.49	10.04
Arochlor 1254	1	91.80	0.0043	ND	0.49	10.04
Arochlor 1260	1	91.80	0.0039	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.17	0.0117	ND	0.49	10.70
Arochlor 1221	1	89.17	0.0216	ND	0.49	10.70
Arochlor 1232	1	89.17	0.0147	ND	0.49	10.70
Arochlor 1242	1	89.17	0.0168	ND	0.49	10.70
Arochlor 1248	1	89.17	0.0067	ND	0.49	10.70
Arochlor 1254	1	89.17	0.0042	ND	0.49	10.70
Arochlor 1260	1	89.17	0.0038	ND	0.49	10.70

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4903.29
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/1/99
	Bldg. 173	**Extraction Date:**	11/3/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27-A-72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.60	0.0120	ND	0.49	10.26
Arochlor 1221	1	90.60	0.0222	ND	0.49	10.26
Arochlor 1232	1	90.60	0.0151	ND	0.49	10.26
Arochlor 1242	1	90.60	0.0172	ND	0.49	10.26
Arochlor 1248	1	90.60	0.0069	ND	0.49	10.26
Arochlor 1254	1	90.60	0.0043	ND	0.49	10.26
Arochlor 1260	1	90.60	0.0039	ND	0.49	10.26

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	83.48	0.0124	ND	0.49	10.82
Arochlor 1221	1	83.48	0.0228	ND	0.49	10.82
Arochlor 1232	1	83.48	0.0155	ND	0.49	10.82
Arochlor 1242	1	83.48	0.0177	ND	0.49	10.82
Arochlor 1248	1	83.48	0.0071	ND	0.49	10.82
Arochlor 1254	1	83.48	0.0044	ND	0.49	10.82
Arochlor 1260	1	83.48	0.0040	ND	0.49	10.82

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.39
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	80.18	0.0139	ND	0.49	10.07
Arochlor 1221	1	80.18	0.0255	ND	0.49	10.07
Arochlor 1232	1	80.18	0.0173	ND	0.49	10.07
Arochlor 1242	1	80.18	0.0198	ND	0.49	10.07
Arochlor 1248	1	80.18	0.0079	ND	0.49	10.07
Arochlor 1254	1	80.18	0.0050	ND	0.49	10.07
Arochlor 1260	1	80.18	0.0045	ND	0.49	10.07

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4963.40 11/23/99 11/29/99 11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.35	0.0124	ND	0.49	10.00
Arochlor 1221	1	90.35	0.0228	ND	0.49	10.00
Arochlor 1232	1	90.35	0.0155	ND	0.49	10.00
Arochlor 1242	1	90.35	0.0177	ND	0.49	10.00
Arochlor 1248	1	90.35	0.0071	ND	0.49	10.00
Arochlor 1254	1	90.35	0.0044	ND	0.49	10.00
Arochlor 1260	1	90.35	0.0040	ND	0.49	10.00

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4963.41 11/23/99 11/29/99 11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.80	0.0122	ND	0.49	10.25
Arochlor 1221	1	89.80	0.0224	ND	0.49	10.25
Arochlor 1232	1	89.80	0.0152	ND	0.49	10.25
Arochlor 1242	1	89.80	0.0174	ND	0.49	10.25
Arochlor 1248	1	89.80	0.0070	ND	0.49	10.25
Arochlor 1254	1	89.80	0.0043	ND	0.49	10.25
Arochlor 1260	1	89.80	0.0039	ND	0.49	10.25

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4963.42 11/23/99 11/29/99 11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	85.07	0.0129	ND	0.49	10.17
Arochlor 1221	1	85.07	0.0238	ND	0.49	10.17
Arochlor 1232	1	85.07	0.0162	ND	0.49	10.17
Arochlor 1242	1	85.07	0.0185	ND	0.49	10.17
Arochlor 1248	1	85.07	0.0074	ND	0.49	10.17
Arochlor 1254	1	85.07	0.0046	ND	0.49	10.17
Arochlor 1260	1	85.07	0.0042	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4963.43 11/23/99 11/29/99 11/30/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil T. Frankovich	**Location :** **Field ID:**	M-2 27B 60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.78	0.0120	ND	0.49	10.31
Arochlor 1221	1	90.78	0.0220	ND	0.49	10.31
Arochlor 1232	1	90.78	0.0150	ND	0.49	10.31
Arochlor 1242	1	90.78	0.0171	ND	0.49	10.31
Arochlor 1248	1	90.78	0.0068	ND	0.49	10.31
Arochlor 1254	1	90.78	0.0043	ND	0.49	10.31
Arochlor 1260	1	90.78	0.0038	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.44
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 72-78"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	94.67	0.0115	ND	0.49	10.31
Arochlor 1221	1	94.67	0.0211	ND	0.49	10.31
Arochlor 1232	1	94.67	0.0143	ND	0.49	10.31
Arochlor 1242	1	94.67	0.0164	ND	0.49	10.31
Arochlor 1248	1	94.67	0.0066	ND	0.49	10.31
Arochlor 1254	1	94.67	0.0041	ND	0.49	10.31
Arochlor 1260	1	94.67	0.0037	ND	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4963.45
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/23/99
	Bldg. 173	**Extraction Date:**	11/29/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/99
Analysis:	SW-846 Method 8082	**Location :**	M-2
Matrix:	Soil		
Analyst:	T. Frankovich	**Field ID:**	27B 84-90"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.40	0.0123	ND	0.49	10.04
Arochlor 1221	1	90.40	0.0227	ND	0.49	10.04
Arochlor 1232	1	90.40	0.0154	ND	0.49	10.04
Arochlor 1242	1	90.40	0.0176	ND	0.49	10.04
Arochlor 1248	1	90.40	0.0071	ND	0.49	10.04
Arochlor 1254	1	90.40	0.0044	ND	0.49	10.04
Arochlor 1260	1	90.40	0.0040	ND	0.49	10.04

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**28**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	90.88	0.0118	ND	0.49	10.47
Arochlor 1221	1	90.88	0.0216	ND	0.49	10.47
Arochlor 1232	1	90.88	0.0147	ND	0.49	10.47
Arochlor 1242	1	90.88	0.0168	ND	0.49	10.47
Arochlor 1248	1	90.88	0.0067	ND	0.49	10.47
Arochlor 1254	1	90.88	0.0042	ND	0.49	10.47
Arochlor 1260	1	90.88	0.0038	ND	0.49	10.47

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	28 12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.17	0.0124	ND	0.49	10.13
Arochlor 1221	1	89.17	0.0228	ND	0.49	10.13
Arochlor 1232	1	89.17	0.0155	ND	0.49	10.13
Arochlor 1242	1	89.17	0.0177	ND	0.49	10.13
Arochlor 1248	1	89.17	0.0071	ND	0.49	10.13
Arochlor 1254	1	89.17	0.0044	ND	0.49	10.13
Arochlor 1260	1	89.17	0.0040	0.020	0.49	10.13

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**28**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.96	0.0135	0.224	0.49	10.39
Arochlor 1221	1	79.96	0.0248	ND	0.49	10.39
Arochlor 1232	1	79.96	0.0169	ND	0.49	10.39
Arochlor 1242	1	79.96	0.0193	ND	0.49	10.39
Arochlor 1248	1	79.96	0.0077	ND	0.49	10.39
Arochlor 1254	1	79.96	0.0048	ND	0.49	10.39
Arochlor 1260	1	79.96	0.0043	0.196	0.49	10.39

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	28 36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	81.37	0.0134	ND	0.49	10.29
Arochlor 1221	1	81.37	0.0246	ND	0.49	10.29
Arochlor 1232	1	81.37	0.0167	ND	0.49	10.29
Arochlor 1242	1	81.37	0.0191	ND	0.49	10.29
Arochlor 1248	1	81.37	0.0076	ND	0.49	10.29
Arochlor 1254	1	81.37	0.0048	ND	0.49	10.29
Arochlor 1260	1	81.37	0.0043	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**28**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	79.49	0.0139	0.620	0.49	10.15
Arochlor 1221	1	79.49	0.0255	ND	0.49	10.15
Arochlor 1232	1	79.49	0.0174	ND	0.49	10.15
Arochlor 1242	1	79.49	0.0198	ND	0.49	10.15
Arochlor 1248	1	79.49	0.0079	ND	0.49	10.15
Arochlor 1254	1	79.49	0.0050	ND	0.49	10.15
Arochlor 1260	1	79.49	0.0045	0.231	0.49	10.15

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**28**
			60-66'

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	87.16	0.0125	0.654	0.49	10.31
Arochlor 1221	1	87.16	0.0229	ND	0.49	10.31
Arochlor 1232	1	87.16	0.0156	ND	0.49	10.31
Arochlor 1242	1	87.16	0.0178	ND	0.49	10.31
Arochlor 1248	1	87.16	0.0071	ND	0.49	10.31
Arochlor 1254	1	87.16	0.0045	ND	0.49	10.31
Arochlor 1260	1	87.16	0.0040	0.315	0.49	10.31

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**29 0-6"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.84	0.0126	ND	0.49	10.01
Arochlor 1221	1	88.84	0.0232	ND	0.49	10.01
Arochlor 1232	1	88.84	0.0157	ND	0.49	10.01
Arochlor 1242	1	88.84	0.0180	ND	0.49	10.01
Arochlor 1248	1	88.84	0.0072	ND	0.49	10.01
Arochlor 1254	1	88.84	0.0045	ND	0.49	10.01
Arochlor 1260	1	88.84	0.0040	ND	0.49	10.01

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.11
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.90	0.0120	ND	0.49	10.53
Arochlor 1221	1	88.90	0.0220	ND	0.49	10.53
Arochlor 1232	1	88.90	0.0150	ND	0.49	10.53
Arochlor 1242	1	88.90	0.0171	ND	0.49	10.53
Arochlor 1248	1	88.90	0.0068	ND	0.49	10.53
Arochlor 1254	1	88.90	0.0043	ND	0.49	10.53
Arochlor 1260	1	88.90	0.0038	ND	0.49	10.53

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**29**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**90.61**	**0.0120**	**ND**	**0.49**	**10.29**
Arochlor 1221	**1**	**90.61**	**0.0221**	**ND**	**0.49**	**10.29**
Arochlor 1232	**1**	**90.61**	**0.0150**	**ND**	**0.49**	**10.29**
Arochlor 1242	**1**	**90.61**	**0.0172**	**ND**	**0.49**	**10.29**
Arochlor 1248	**1**	**90.61**	**0.0069**	**ND**	**0.49**	**10.29**
Arochlor 1254	**1**	**90.61**	**0.0043**	**ND**	**0.49**	**10.29**
Arochlor 1260	**1**	**90.61**	**0.0039**	**ND**	**0.49**	**10.29**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**29**
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	**1**	**84.00**	**0.0130**	**ND**	**0.49**	**10.26**
Arochlor 1221	**1**	**84.00**	**0.0239**	**ND**	**0.49**	**10.26**
Arochlor 1232	**1**	**84.00**	**0.0162**	**ND**	**0.49**	**10.26**
Arochlor 1242	**1**	**84.00**	**0.0186**	**ND**	**0.49**	**10.26**
Arochlor 1248	**1**	**84.00**	**0.0074**	**ND**	**0.49**	**10.26**
Arochlor 1254	**1**	**84.00**	**0.0046**	**ND**	**0.49**	**10.26**
Arochlor 1260	**1**	**84.00**	**0.0042**	**ND**	**0.49**	**10.26**

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**29**
			48-54"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	92.77	0.0120	ND	0.49	10.10
Arochlor 1221	1	92.77	0.0220	ND	0.49	10.10
Arochlor 1232	1	92.77	0.0149	ND	0.49	10.10
Arochlor 1242	1	92.77	0.0171	ND	0.49	10.10
Arochlor 1248	1	92.77	0.0068	ND	0.49	10.10
Arochlor 1254	1	92.77	0.0043	ND	0.49	10.10
Arochlor 1260	1	92.77	0.0038	ND	0.49	10.10

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29
			60-66"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	78.58	0.0141	0.216	0.49	10.09
Arochlor 1221	1	78.58	0.0260	ND	0.49	10.09
Arochlor 1232	1	78.58	0.0177	ND	0.49	10.09
Arochlor 1242	1	78.58	0.0202	ND	0.49	10.09
Arochlor 1248	1	78.58	0.0081	ND	0.49	10.09
Arochlor 1254	1	78.58	0.0050	ND	0.49	10.09
Arochlor 1260	1	78.58	0.0045	0.116	0.49	10.09

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**30**
			0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.45	0.0125	ND	0.49	10.11
Arochlor 1221	1	88.45	0.0230	ND	0.49	10.11
Arochlor 1232	1	88.45	0.0157	ND	0.49	10.11
Arochlor 1242	1	88.45	0.0179	ND	0.49	10.11
Arochlor 1248	1	88.45	0.0072	ND	0.49	10.11
Arochlor 1254	1	88.45	0.0045	ND	0.49	10.11
Arochlor 1260	1	88.45	0.0040	ND	0.49	10.11

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30
			12-18"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	89.08	0.0125	ND	0.49	10.06
Arochlor 1221	1	89.08	0.0230	ND	0.49	10.06
Arochlor 1232	1	89.08	0.0156	ND	0.49	10.06
Arochlor 1242	1	89.08	0.0179	ND	0.49	10.06
Arochlor 1248	1	89.08	0.0071	ND	0.49	10.06
Arochlor 1254	1	89.08	0.0045	ND	0.49	10.06
Arochlor 1260	1	89.08	0.0040	ND	0.49	10.06

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	**M-2 / MW-09**
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	**30**
			24-30"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	88.93	0.0125	ND	0.49	10.05
Arochlor 1221	1	88.93	0.0230	ND	0.49	10.05
Arochlor 1232	1	88.93	0.0157	ND	0.49	10.05
Arochlor 1242	1	88.93	0.0179	ND	0.49	10.05
Arochlor 1248	1	88.93	0.0072	ND	0.49	10.05
Arochlor 1254	1	88.93	0.0045	ND	0.49	10.05
Arochlor 1260	1	88.93	0.0040	0.049	0.49	10.05

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000839

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4320.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	3/5/99
	Bldg. 173	**Extraction Date:**	3/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/99
Analysis:	SW-846 Method 8082	**Location :**	M-2 / MW-09
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30
			36-42"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.39	0.0134	ND	0.49	10.17
Arochlor 1221	1	82.39	0.0246	ND	0.49	10.17
Arochlor 1232	1	82.39	0.0167	ND	0.49	10.17
Arochlor 1242	1	82.39	0.0191	ND	0.49	10.17
Arochlor 1248	1	82.39	0.0076	ND	0.49	10.17
Arochlor 1254	1	82.39	0.0048	ND	0.49	10.17
Arochlor 1260	1	82.39	0.0043	ND	0.49	10.17

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4320.20 3/5/99 3/8/99 3/17/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **30** **48-54"**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	82.13	0.0128	ND	0.49	10.68
Arochlor 1221	1	82.13	0.0235	ND	0.49	10.68
Arochlor 1232	1	82.13	0.0160	ND	0.49	10.68
Arochlor 1242	1	82.13	0.0182	ND	0.49	10.68
Arochlor 1248	1	82.13	0.0073	ND	0.49	10.68
Arochlor 1254	1	82.13	0.0046	ND	0.49	10.68
Arochlor 1260	1	82.13	0.0041	ND	0.49	10.68

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4320.21 3/5/99 3/8/99 3/17/99
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Soil D. Wright	**Location :** **Field ID:**	**M-2 / MW-09** **30** **60-66'**

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)	Weight (g)
Arochlor 1016	1	84.01	0.0130	ND	0.49	10.29
Arochlor 1221	1	84.01	0.0238	ND	0.49	10.29
Arochlor 1232	1	84.01	0.0162	ND	0.49	10.29
Arochlor 1242	1	84.01	0.0185	ND	0.49	10.29
Arochlor 1248	1	84.01	0.0074	ND	0.49	10.29
Arochlor 1254	1	84.01	0.0046	ND	0.49	10.29
Arochlor 1260	1	84.01	0.0042	ND	0.49	10.29

ND = Not Detected
MDL = Method Detection Limit

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

000842

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-2 Landfill

M-2 Benzene Investigation

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4328.01	Aqueous	08-Mar-99	03/08/99
Field Blank	4328.02	Aqueous	08-Mar-99 11:10	03/08/99
31 6.5'	4328.03	Soil	08-Mar-99 13:10	03/08/99
31 7-10'	4328.04	Aqueous	08-Mar-99 13:20	03/08/99
32 6.5'	4328.05	Soil	08-Mar-99 14:10	03/08/99
32 7-10'	4328.06	Aqueous	08-Mar-99 14:22	03/08/99
33 6.5'	4328.07	Soil	08-Mar-99 15:15	03/08/99
33 7-10'	4328.08	Aqueous	08-Mar-99 15:22	03/08/99
Trip Blank	4332.01	Aqueous	09-Mar-99	03/09/99
Field Blank	4332.02	Aqueous	09-Mar-99 10:30	03/09/99
34 6.5'	4332.03	Soil	09-Mar-99 11:20	03/09/99
34 7-10'	4332.04	Aqueous	09-Mar-99 11:30	03/09/99
35 36"	4332.05	Soil	09-Mar-99 13:25	03/09/99
35 7-10'	4332.06	Aqueous	09-Mar-99 13:45	03/09/99
36 42"	4332.07	Soil	09-Mar-99 14:25	03/09/99
36 7-10'	4332.08	Aqueous	09-Mar-99 14:30	03/09/99
37 78"	4332.09	Soil	09-Mar-99 15:25	03/09/99
37 7-10'	4332.10	Aqueous	09-Mar-99 15:35	03/09/99
Trip Blank	4334.01	Aqueous	10-Mar-99	03/10/99
Field Blank	4334.02	Aqueous	10-Mar-99 09:30	03/10/99
38 6.5'	4334.03	Soil	10-Mar-99 10:35	03/10/99
38 7-10'	4334.04	Aqueous	10-Mar-99 10:40	03/10/99
39 6.5'	4334.05	Soil	10-Mar-99 11:18	03/10/99
39 7-10'	4334.06	Aqueous	10-Mar-99 11:27	03/10/99
40 6.5'	4334.07	Soil	10-Mar-99 13:00	03/10/99
40 7-10'	4334.08	Aqueous	10-Mar-99 13:13	03/10/99
41 6.5'	4334.09	Soil	10-Mar-99 14:15	03/10/99
41 7-10'	4334.10	Aqueous	10-Mar-99 14:20	03/10/99
42 6.5'	4334.11	Soil	10-Mar-99 15:10	03/10/99
42 7-10'	4334.12	Aqueous	10-Mar-99	03/10/99
Trip Blank	4339.01	Aqueous	11-Mar-99	03/11/99
Field Blank	4339.02	Aqueous	11-Mar-99 10:00	03/11/99

SAMPLE LOCATION AND IDENTIFICATION

43 6.5'	4339.03	Soil	11-Mar-99 10:40	03/11/99
43 7-10'	4339.04	Aqueous	11-Mar-99 11:40	03/11/99
44 6.5'	4339.05	Soil	11-Mar-99 11:30	03/11/99
44 7-10'	4339.06	Aqueous	11-Mar-99 11:45	03/11/99
Trip Blank	4350.01	Aqueous	16-Mar-99	03/16/99
Field Blank	4350.02	Aqueous	16-Mar-99 10:20	03/16/99
45 6.5'	4350.03	Soil	16-Mar-99 11:15	03/16/99
45 7-10'	4350.04	Aqueous	16-Mar-99 11:22	03/16/99
46 6.0'	4350.05	Soil	16-Mar-99 11:50	03/16/99
46 6.5-9.5'	4350.06	Aqueous	16-Mar-99 12:00	03/16/99
47 6.0'	4350.07	Soil	16-Mar-99 13:25	03/16/99
47 6.5-9.5'	4350.08	Aqueous	16-Mar-99 14:00	03/16/99
48 6.0'	4350.09	Soil	16-Mar-99 13:55	03/16/99
48 6.5-9.5'	4350.10	Aqueous	16-Mar-99 14:10	03/16/99
Trip Blank	4355.01	Aqueous	17-Mar-99	03/17/99
Field Blank	4355.02	Aqueous	17-Mar-99 09:00	03/17/99
49 6.0'	4355.03	Soil	17-Mar-99 09:43	03/17/99
49 6.5-9.5'	4355.04	Aqueous	17-Mar-99 09:47	03/17/99
50 6.0'	4355.05	Soil	17-Mar-99 10:30	03/17/99
50 6.5-9.5'	4355.06	Aqueous	17-Mar-99 10:40	03/17/99
51 6.0'	4355.07	Soil	17-Mar-99 11:20	03/17/99
51 6.5-9.5'	4355.08	Aqueous	17-Mar-99 11:25	03/17/99
52 6.0'	4355.09	Soil	17-Mar-99 11:45	03/17/99
52 6.5-9.5'	4355.10	Aqueous	17-Mar-99 12:00	03/17/99
53 6.0'	4355.11	Soil	17-Mar-99 13:45	03/17/99
53 6.5-9.5'	4355.12	Aqueous	17-Mar-99 13:50	03/17/99
54 6.0'	4355.13	Soil	17-Mar-99 14:20	03/17/99
54 6.5-9.5'	4355.14	Aqueous	17-Mar-99 14:25	03/17/99
55 6.0'	4355.15	Soil	17-Mar-99 15:10	03/17/99
55 6.5-9.5'	4355.16	Aqueous	17-Mar-99 15:20	03/17/99
Field Dup. 6.0'	4355.17	Soil	17-Mar-99	03/17/99
Field Dup. 6.5-9.5'	4355.18	Aqueous	17-Mar-99	03/17/99
Trip Blank	4358.01	Aqueous	18-Mar-99	03/18/99
Field Blank	4358.02	Aqueous	18-Mar-99 09:50	03/18/99
56 6.0'	4358.03	Soil	17-Mar-99 10:50	03/18/99
56 6.5-9.5'	4358.04	Aqueous	17-Mar-99 10:55	03/18/99
57 6.0'	4358.05	Soil	17-Mar-99 11:40	03/18/99
57 6.5-9.5'	4358.06	Aqueous	17-Mar-99 11:45	03/18/99
58 6.0'	4358.07	Soil	17-Mar-99 14:25	03/18/99
58 6.5-9.5'	4358.08	Aqueous	17-Mar-99 14:55	03/18/99
59 6.0'	4358.09	Soil	17-Mar-99 15:20	03/18/99
59 6.5-9.5'	4358.10	Aqueous	17-Mar-99 15:28	03/18/99
Trip Blank	4368.01	Aqueous	23-Mar-99	03/23/99
Field Blank	4368.02	Aqueous	23-Mar-99 09:15	03/23/99
59A 6.0'	4368.03	Soil	23-Mar-99 09:53	03/23/99
59A 6.5-9.5'	4368.04	Aqueous	23-Mar-99 10:03	03/23/99
60 6.0'	4368.05	Soil	23-Mar-99 10:35	03/23/99
60 6.5-9.5'	4368.06	Aqueous	23-Mar-99 10:40	03/23/99
61 6.0'	4368.07	Soil	23-Mar-99 11:20	03/23/99
61 6.5-9.5'	4368.08	Aqueous	23-Mar-99 11:25	03/23/99
62 6.0'	4368.09	Soil	23-Mar-99 11:55	03/23/99
62 6.5-9.5'	4368.10	Aqueous	23-Mar-99 12:00	03/23/99
63 6.0'	4368.11	Soil	23-Mar-99 13:40	03/23/99

SAMPLE LOCATION AND IDENTIFICATION

63 6.5-9.5'	4368.12	Aqueous	23-Mar-99 13:45	03/23/99
64 6.0'	4368.13	Soil	23-Mar-99 14:25	03/23/99
64 6.5-9.5'	4368.14	Aqueous	23-Mar-99 14:38	03/23/99
65 6.0'	4368.15	Soil	23-Mar-99 15:05	03/23/99
65 6.5-9.5'	4368.16	Aqueous	23-Mar-99 15:10	03/23/99
Trip Blank	4381.01	Aqueous	30-Mar-99	03/30/99
Field Blank	4381.02	Aqueous	30-Mar-99 09:20	03/30/99
66 6.5'	4381.03	Soil	30-Mar-99 09:50	03/30/99
66 7-10'	4381.04	Aqueous	30-Mar-99 10:15	03/30/99
67 6.5'	4381.05	Soil	30-Mar-99 11:00	03/30/99
67 7-10'	4381.06	Aqueous	30-Mar-99 11:15	03/30/99
68 48"	4381.07	Soil	30-Mar-99 11:50	03/30/99
68 7-10'	4381.08	Aqueous	30-Mar-99 12:00	03/30/99
69 48"	4381.09	Soil	30-Mar-99 13:40	03/30/99
69 4-7'	4381.10	Aqueous	30-Mar-99 13:48	03/30/99
70 6.5'	4381.11	Soil	30-Mar-99 15:05	03/30/99
70 7-10'	4381.12	Aqueous	30-Mar-99 15:10	03/30/99
Trip Blank	4396.01	Aqueous	06-Apr-99	04/06/99
Field Blank	4396.02	Aqueous	06-Apr-99 09:30	04/06/99
71 6.0'	4396.03	Soil	06-Apr-99 11:08	04/06/99
71 6.5-9.5'	4396.04	Aqueous	06-Apr-99 11:30	04/06/99
72 5.5'	4396.05	Soil	06-Apr-99 13:35	04/06/99
72 6.0-9.0'	4396.06	Aqueous	06-Apr-99 13:40	04/06/99
73 5.5'	4396.07	Soil	06-Apr-99 14:25	04/06/99
73 6.0-9.0'	4396.08	Aqueous	06-Apr-99 14:30	04/06/99
Trip Blank	4407.01	Aqueous	09-Apr-99	04/09/99
Field Blank	4407.02	Aqueous	09-Apr-99 08:45	04/09/99
74 6.0'	4407.03	Soil	09-Apr-99 09:30	04/09/99
74 6.5-9.5'	4407.04	Aqueous	09-Apr-99 09:50	04/09/99
75 6.0'	4407.05	Soil	09-Apr-99 10:50	04/09/99
75 6.5-9.5'	4407.06	Aqueous	09-Apr-99 11:20	04/09/99
76 48"	4407.07	Soil	09-Apr-99 14:10	04/09/99
76 4-7'	4407.08	Aqueous	09-Apr-99 14:20	04/09/99
Field Dup.	4407.09	Soil	09-Apr-99	04/09/99
Field Dup.	4407.10	Aqueous	09-Apr-99	04/09/99
Trip Blank	4414.01	Aqueous	13-Apr-99	04/13/99
Field Blank	4414.02	Aqueous	13-Apr-99 10:00	04/13/99
77 6.5'	4414.03	Soil	13-Apr-99 10:30	04/13/99
77 7-10'	4414.04	Aqueous	13-Apr-99 10:40	04/13/99
78 6.5'	4414.05	Soil	13-Apr-99 11:25	04/13/99
78 7-10'	4414.06	Aqueous	13-Apr-99 11:30	04/13/99
79 42"	4414.07	Soil	13-Apr-99 14:15	04/13/99
79 5-8'	4414.08	Aqueous	13-Apr-99 14:20	04/13/99
80 4.5'	4414.09	Soil	13-Apr-99 15:10	04/13/99
80 5-8'	4414.10	Aqueous	13-Apr-99 15:15	04/13/99
Trip Blank	4417.01	Aqueous	14-Apr-99	04/14/99
Field Blank	4417.02	Aqueous	14-Apr-99 10:15	04/14/99
81 5.5'	4417.03	Soil	14-Apr-99 10:35	04/14/99
81 6-9'	4417.04	Aqueous	14-Apr-99 10:40	04/14/99
82 46"	4417.05	Soil	14-Apr-99 11:40	04/14/99
82 4-7'	4417.06	Aqueous	14-Apr-99 11:45	04/14/99
83 7.5'	4417.07	Soil	14-Apr-99 13:10	04/14/99
83 8-11'	4417.08	Aqueous	14-Apr-99 13:15	04/14/99

SAMPLE LOCATION AND IDENTIFICATION

84 7.5'	4417.09	Soil	14-Apr-99 13:50	04/14/99
84 8-11'	4417.10	Aqueous	14-Apr-99 13:55	04/14/99
85 7.5'	4417.11	Soil	14-Apr-99 14:30	04/14/99
85 8-11'	4417.12	Aqueous	14-Apr-99 14:35	04/14/99
86 7.5'	4417.13	Soil	14-Apr-99 15:15	04/14/99
86 8-11'	4417.14	Aqueous	14-Apr-99 15:20	04/14/99
Trip Blank	4422.01	Aqueous	16-Apr-99	04/16/99
Field Blank	4422.02	Aqueous	16-Apr-99 09:40	04/16/99
87 6.0'	4422.03	Soil	16-Apr-99 10:05	04/16/99
87 5.5-8.5'	4422.04	Aqueous	16-Apr-99 10:15	04/16/99
88 46"	4422.05	Soil	16-Apr-99 11:05	04/16/99
88 4-7'	4422.06	Aqueous	16-Apr-99 11:10	04/16/99
89 6.0'	4422.07	Soil	16-Apr-99 11:40	04/16/99
89 6.5-9.5'	4422.08	Aqueous	16-Apr-99 11:45	04/16/99
90 6.0'	4422.09	Soil	16-Apr-99 14:00	04/16/99
90 6.5-9.5'	4422.10	Aqueous	16-Apr-99 14:07	04/16/99
91 6.0'	4422.11	Soil	16-Apr-99 14:45	04/16/99
91 6.5-9.5'	4422.12	Aqueous	16-Apr-99 14:50	04/16/99
Trip Blank	4433.01	Aqueous	21-Apr-99	04/21/99
Field Blank	4433.02	Aqueous	21-Apr-99 09:50	04/21/99
92 7.5'	4433.03	Soil	21-Apr-99 10:30	04/21/99
92 8-11'	4433.04	Aqueous	21-Apr-99 10:40	04/21/99
93 6.0'	4433.05	Soil	21-Apr-99 11:35	04/21/99
93 6.5-9.5'	4433.06	Aqueous	21-Apr-99 11:42	04/21/99
94 6.0'	4433.07	Soil	21-Apr-99 13:45	04/21/99
94 6.5-9.5'	4433.08	Aqueous	21-Apr-99 13:50	04/21/99
95 7.5'	4433.09	Soil	21-Apr-99 14:35	04/21/99
95 8-11'	4433.10	Aqueous	21-Apr-99 14:50	04/21/99
96 7.5	4433.11	Soil	21-Apr-99 15:25	04/21/99
96 8-11'	4433.12	Aqueous	21-Apr-99 15:30	04/21/99
Trip Blank	4442.01	Aqueous	26-Apr-99	04/26/99
Field Blank	4442.02	Aqueous	26-Apr-99 09:40	04/26/99
97 6.5'	4442.03	Soil	26-Apr-99 10:10	04/26/99
97 7-10'	4442.04	Aqueous	26-Apr-99 10:18	04/26/99
98 6.5'	4442.05	Soil	26-Apr-99 10:50	04/26/99
98 7-10'	4442.06	Aqueous	26-Apr-99 10:55	04/26/99
99 5.5'	4442.07	Soil	26-Apr-99 11:44	04/26/99
99 6-9'	4442.08	Aqueous	26-Apr-99 11:53	04/26/99
100 5'	4442.09	Soil	26-Apr-99 14:05	04/26/99
100 5.5-8.5'	4442.10	Aqueous	26-Apr-99 14:10	04/26/99
101 9'	4442.11	Soil	26-Apr-99 15:15	04/26/99
101 9.5-12.5'	4442.12	Aqueous	26-Apr-99 15:30	04/26/99
Trip Blank	4445.01	Aqueous	27-Apr-99	04/27/99
Field Blank	4445.02	Aqueous	27-Apr-99 09:25	04/27/99
102 7.5'	4445.03	Soil	27-Apr-99 09:55	04/27/99
102 8-11'	4445.04	Aqueous	27-Apr-99 10:00	04/27/99
103 7.5'	4445.05	Soil	27-Apr-99 10:50	04/27/99
103 8-11'	4445.06	Aqueous	27-Apr-99 10:55	04/27/99
104 8.0'	4445.07	Soil	27-Apr-99 11:45	04/27/99
104 8.5-11.5	4445.08	Aqueous	27-Apr-99 11:58	04/27/99
105 5'	4445.09	Soil	27-Apr-99 13:40	04/27/99
105 5.5-8.5'	4445.10	Aqueous	27-Apr-99 14:45	04/27/99
106 6.0'	4445.11	Soil	27-Apr-99 14:35	04/27/99

SAMPLE LOCATION AND IDENTIFICATION

106 6.5-9.5'	4445.12	Soil	27-Apr-99 14:40	04/27/99
107 9.0'	4445.13	Soil	27-Apr-99 15:20	04/27/99
107 9.5-12.5'	4445.14	Aqueous	27-Apr-99 15:30	04/27/99
Field Dup. 7.5'	4445.15	Soil	27-Apr-99	04/27/99
Field Dup. 8-11'	4445.16	Aqueous	27-Apr-99	04/27/99
Trip Blank	4461.01	Aqueous	04-May-99	05/04/99
Field Blank	4461.02	Aqueous	04-May-99 09:30	05/04/99
108 60"	4461.03	Soil	04-May-99 10:20	05/04/99
108 5.5-8.5'	4461.04	Aqueous	04-May-99 10:30	05/04/99
109 60"	4461.05	Soil	04-May-99 11:05	05/04/99
109 5.5-8.5'	4461.06	Aqueous	04-May-99 11:15	05/04/99
110 60"	4461.07	Soil	04-May-99 11:50	05/04/99
110 5.5-8.5'	4461.08	Aqueous	04-May-99 11:58	05/04/99
111 48"	4461.09	Soil	04-May-99 13:15	05/04/99
111 4.5-7.5'	4461.10	Aqueous	04-May-99 13:25	05/04/99
112 48"	4461.11	Soil	04-May-99 14:05	05/04/99
112 4.5-7.5'	4461.12	Aqueous	04-May-99 14:10	05/04/99
Trip Blank	4465.01	Aqueous	06-May-99	05/06/99
Field Blank	4465.02	Aqueous	06-May-99 09:10	05/06/99
113 5.0'	4465.03	Soil	06-May-99 09:50	05/06/99
113 5.5-8.5'	4465.04	Aqueous	06-May-99 09:55	05/06/99
114 5.0'	4465.05	Soil	06-May-99 10:35	05/06/99
114 5.5-8.5'	4465.06	Aqueous	06-May-99 10:40	05/06/99
115 5.0'	4465.07	Soil	06-May-99 11:35	05/06/99
115 5.5-8.5'	4465.08	Aqueous	06-May-99 11:45	05/06/99
116 5.0'	4465.09	Soil	06-May-99 14:20	05/06/99
116 5.5-8.5'	4465.10	Aqueous	06-May-99 14:25	05/06/99
117 4.5'	4465.11	Soil	06-May-99 15:05	05/06/99
117 5-8'	4465.12	Aqueous	06-May-99 15:10	05/06/99
118 4.5'	4465.13	Soil	06-May-99 15:35	05/06/99
118 5-8'	4465.14	Aqueous	06-May-99 15:40	05/06/99
Field Dup. 5.0'	4465.15	Soil	06-May-99	05/06/99
Field Dup. 5.5-8.5'	4465.16	Aqueous	06-May-99	05/06/99
Trip Blank	4912.01	Methanol	03-Nov-99	11/03/99
Field Blank	4912.02	Aqueous	03-Nov-99 10:00	11/03/99
64A 90"	4912.03	Soil	03-Nov-99 10:20	11/03/99
64A 8-11'	4912.04	Aqueous	03-Nov-99 10:35	11/03/99
65A 90"	4912.05	Soil	03-Nov-99 11:15	11/03/99
65A 8-11'	4912.06	Aqueous	03-Nov-99 11:30	11/03/99
66A 90"	4912.07	Soil	03-Nov-99 13:15	11/03/99
66A 8-11'	4912.08	Aqueous	03-Nov-99 13:30	11/03/99
67A 90"	4912.09	Soil	03-Nov-99 13:50	11/03/99
67A 8-11'	4912.10	Aqueous	03-Nov-99 14:05	11/03/99
68A 90"	4912.11	Soil	03-Nov-99 14:15	11/03/99
68A 8-11'	4912.12	Aqueous	03-Nov-99 14:30	11/03/99
69A 90"	4912.13	Soil	03-Nov-99 14:48	11/03/99
69A 8-11'	4912.14	Aqueous	03-Nov-99 15:00	11/03/99
Trip Blank	4915.01	Methanol	04-Nov-99	11/04/99
Field Blank	4915.02	Aqueous	04-Nov-99 09:30	11/04/99
64B 90"	4915.03	Soil	04-Nov-99 09:48	11/04/99
64B 8-11'	4915.04	Aqueous	04-Nov-99 10:05	11/04/99
65B 90"	4915.05	Soil	04-Nov-99 10:30	11/04/99
65B 8-11'	4915.06	Aqueous	04-Nov-99 10:40	11/04/99

SAMPLE LOCATION AND IDENTIFICATION

66B 90"	4915.07	Soil	04-Nov-99 11:10	11/04/99
66B 8-11'	4915.08	Aqueous	04-Nov-99 11:15	11/04/99
67B 90"	4915.09	Soil	04-Nov-99 13:30	11/04/99
67B 8-11'	4915.10	Aqueous	04-Nov-99 13:40	11/04/99
68B 90"	4915.11	Soil	04-Nov-99 14:15	11/04/99
68B 8-11'	4915.12	Aqueous	04-Nov-99 14:30	11/04/99
69B 90"	4915.13	Soil	04-Nov-99 14:50	11/04/99
69B 8-11'	4915.14	Aqueous	04-Nov-99 15:00	11/04/99
Trip Blank	4931.01	Methanol	08-Nov-99	11/08/99
Field Blank	4931.02	Aqueous	08-Nov-99 10:00	11/08/99
113A 90"	4931.03	Soil	09-Nov-99 11:40	11/08/99
113A 8-11'	4931.04	Aqueous	08-Nov-99 11:50	11/08/99
114A 90"	4931.05	Soil	08-Nov-99 13:18	11/08/99
114A 8-11'	4931.06	Aqueous	08-Nov-99 13:40	11/08/99
115A 90"	4931.07	Soil	08-Nov-99 13:50	11/08/99
115A 8-11'	4931.08	Aqueous	08-Nov-99 14:11	11/08/99
116A 90"	4931.09	Soil	08-Nov-99 14:38	11/08/99
116A 8-11'	4931.10	Aqueous	08-Nov-99 14:48	11/08/99
Trip Blank	4933.01	Methanol	10-Nov-99	11/10/99
Field Blank	4933.02	Aqueous	10-Nov-99 08:50	11/10/99
117A 90"	4933.03	Soil	10-Nov-99 09:15	11/10/99
117A 8-11'	4933.04	Aqueous	10-Nov-99 09:30	11/10/99
114B 90"	4933.05	Soil	10-Nov-99 09:45	11/10/99
114B 8-11'	4933.06	Aqueous	10-Nov-99 09:55	11/10/99
115B 90"	4933.07	Soil	10-Nov-99 10:15	11/10/99
115B 8-11'	4933.08	Aqueous	10-Nov-99 10:30	11/10/99
116B 90"	4933.09	Soil	10-Nov-99 10:50	11/10/99
116B 8-11'	4933.10	Aqueous	10-Nov-99 11:10	11/10/99
117B 90"	4933.11	Soil	10-Nov-99 11:30	11/10/99
117B 8-11'	4933.12	Aqueous	10-Nov-99 11:45	11/10/99
118B 90"	4933.13	Soil	10-Nov-99 12:00	11/10/99
118B 8-11'	4933.14	Aqueous	10-Nov-99 12:10	11/10/99
Field Dup. 90"	4933.15	Soil	10-Nov-99	11/10/99
Field Dup. 8-11'	4933.16	Aqueous	10-Nov-99	11/10/99
Trip Blank	4968.01	Methanol	30-Nov-99	11/30/99
Field Blank	4968.02	Aqueous	30-Nov-99 09:25	11/30/99
114C 90"	4968.03	Soil	30-Nov-99 10:10	11/30/99
114C 8-11'	4968.04	Aqueous	30-Nov-99 10:20	11/30/99
115C 90"	4968.05	Soil	30-Nov-99 10:45	11/30/99
115C 8-11'	4968.06	Aqueous	30-Nov-99 10:55	11/30/99
116C 90"	4968.07	Soil	30-Nov-99 11:20	11/30/99
116C 8-11'	4968.08	Aqueous	30-Nov-99 11:30	11/30/99
117C 90"	4968.09	Soil	30-Nov-99 11:48	11/30/99
117C 8-11'	4968.10	Aqueous	30-Nov-99 12:00	11/30/99
118C 90"	4968.11	Soil	30-Nov-99 13:30	11/30/99
118C 8-11'	4968.12	Aqueous	30-Nov-99 13:50	11/30/99
119C 90"	4968.13	Soil	30-Nov-99 14:15	11/30/99
119C 8-11'	4968.14	Aqueous	30-Nov-99 14:30	11/30/99
Trip Blank	4971.01	Methanol	01-Dec-99	12/01/99
Field Blank	4971.02	Aqueous	01-Dec-99 09:30	12/01/99
113D 90"	4971.03	Soil	01-Dec-99 10:00	12/01/99
113D 8-11'	4971.04	Aqueous	01-Dec-99 10:13	12/01/99
114D 90"	4971.05	Soil	01-Dec-99 11:25	12/01/99

SAMPLE LOCATION AND IDENTIFICATION

114D 8-11'	4971.06	Aqueous	01-Dec-99 11:30	12/01/99
115D 90"	4971.07	Soil	01-Dec-99 13:40	12/01/99
115D 8-11'	4971.08	Aqueous	01-Dec-99 13:53	12/01/99
116D 90"	4971.09	Soil	01-Dec-99 14:10	12/01/99
116D 8-11'	4971.10	Aqueous	01-Dec-99 14:20	12/01/99
117D 90"	4971.11	Soil	01-Dec-99 14:50	12/01/99
117D 8-11'	4971.12	Aqueous	01-Dec-99 15:00	12/01/99
Trip Blank	4972.01	Methanol	02-Dec-99	12/02/99
Field Blank	4972.02	Aqueous	02-Dec-99 11:20	12/02/99
118D 90"	4972.03	Soil	02-Dec-99 11:45	12/02/99
118D 8-11'	4972.04	Aqueous	02-Dec-99 12:00	12/02/99
113E 90"	4972.05	Soil	02-Dec-99 13:25	12/02/99
113E 8-11'	4972.06	Aqueous	02-Dec-99 13:35	12/02/99
114E 90"	4972.07	Soil	02-Dec-99 13:45	12/02/99
114E 8-11'	4972.08	Aqueous	02-Dec-99 13:55	12/02/99
115E 90"	4972.09	Soil	02-Dec-99 14:15	12/02/99
115E 8-11'	4972.10	Aqueous	02-Dec-99 14:30	12/02/99
116E 90"	4972.11	Soil	02-Dec-99 14:45	12/02/99
116E 8-11'	4972.12	Aqueous	02-Dec-99 15:00	12/02/99
Field Dup. 90"	4972.13	Soil	02-Dec-99	12/02/99
Field Dup. 8-11'	4972.14	Aqueous	02-Dec-99	12/02/99
Trip Blank	4979.01	Methanol	03-Dec-99	12/03/99
Field Blank	4979.02	Aqueous	03-Dec-99 09:00	12/03/99
117E 90"	4979.03	Soil	03-Dec-99 09:40	12/03/99
117E 8-11'	4979.04	Aqueous	03-Dec-99 09:55	12/03/99
118E 90"	4979.05	Soil	03-Dec-99 10:15	12/03/99
118E 8-11'	4979.06	Aqueous	03-Dec-99 10:30	12/03/99
64C 96"	4979.07	Soil	03-Dec-99 11:30	12/03/99
64C 8.5-11.5'	4979.08	Aqueous	03-Dec-99 11:45	12/03/99
65C 96"	4979.09	Soil	03-Dec-99 13:00	12/03/99
65C 8.5-11.5'	4979.10	Aqueous	03-Dec-99 13:10	12/03/99
66C 96"	4979.11	Soil	03-Dec-99 13:20	12/03/99
66C 8.5-11.5'	4979.12	Aqueous	03-Dec-99 13:30	12/03/99
67C 96"	4979.13	Soil	03-Dec-99 14:00	12/03/99
67C 8.5-11.5'	4979.14	Aqueous	03-Dec-99 14:15	12/03/99
68C 96"	4979.15	Soil	03-Dec-99 14:30	12/03/99
68C 8.5-11.5'	4979.16	Aqueous	03-Dec-99 14:40	12/03/99
Trip Blank	4990.01	Methanol	06-Dec-99	12/06/99
Field Blank	4990.02	Aqueous	06-Dec-99 11:15	12/06/99
64D 8'	4990.03	Soil	06-Dec-99 11:40	12/06/99
64D 8.5-13.5'	4990.04	Aqueous	06-Dec-99 11:55	12/06/99
65D 8'	4990.05	Soil	06-Dec-99 13:00	12/06/99
65D 8.5-13.5'	4990.06	Aqueous	06-Dec-99 13:15	12/06/99
66D 8'	4990.07	Soil	06-Dec-99 13:30	12/06/99
66D 8.5-13.5'	4990.08	Aqueous	06-Dec-99 13:50	12/06/99
67D 8'	4990.09	Soil	06-Dec-99 14:05	12/06/99
67D 8.5-13.5'	4990.10	Aqueous	06-Dec-99 14:20	12/06/99
Trip Blank	4995.01	Methanol	07-Dec-99	12/07/99
Field Blank	4995.02	Aqueous	07-Dec-99 08:15	12/07/99
68D 8'	4995.03	Soil	07-Dec-99 08:30	12/07/99
68D 8.5-13.5'	4995.04	Aqueous	07-Dec-99 08:40	12/07/99
64E 8'	4995.05	Soil	07-Dec-99 09:00	12/07/99
64E 8.5-13.5'	4995.06	Aqueous	07-Dec-99 09:15	12/07/99

SAMPLE LOCATION AND IDENTIFICATION

65G 7-12'	5091.16	Aqueous	11-Jan-00 12:45	01/12/00
67G 7-12'	5091.17	Aqueous	11-Jan-00 14:00	01/12/00
66G 7-12'	5091.18	Aqueous	11-Jan-00 13:00	01/12/00
Trip Blank	5096.01	Methanol	12-Jan-00	01/13/00
Field Blank	5096.02	Aqueous	12-Jan-00 08:40	01/13/00
69G 60-66"	5096.03	Soil	12-Jan-00 11:16	01/13/00
68G 60-66"	5096.04	Soil	12-Jan-00 11:18	01/13/00
64H 60-66"	5096.05	Soil	12-Jan-00 11:21	01/13/00
65H 60-66"	5096.06	Soil	12-Jan-00 11:26	01/13/00
66H 60-66"	5096.07	Soil	12-Jan-00 14:24	01/13/00
67H 60-66"	5096.08	Soil	12-Jan-00 14:29	01/13/00
68G 7-12'	5096.09	Aqueous	12-Jan-00 09:00	01/13/00
69G 7-12'	5096.10	Aqueous	12-Jan-00 09:15	01/13/00
64H 7-12'	5096.11	Aqueous	12-Jan-00 11:00	01/13/00
65H 7-12'	5096.12	Aqueous	12-Jan-00 12:00	01/13/00
66H 7-12'	5096.13	Aqueous	12-Jan-00 13:00	01/13/00
67H 7-12'	5096.14	Aqueous	12-Jan-00 14:45	01/13/00
Trip Blank	5102.01	Methanol	13-Jan-00	01/13/00
Field Blank	5102.02	Aqueous	13-Jan-00 09:00	01/13/00
68H 18-24"	5102.03	Soil	13-Jan-00 11:36	01/13/00
68H 60-66"	5102.04	Soil	13-Jan-00 11:40	01/13/00
69H 60-66"	5102.05	Soil	13-Jan-00 11:45	01/13/00
68H 7-12'	5102.06	Aqueous	13-Jan-00 10:00	01/13/00
69H 7-12'	5102.07	Aqueous	13-Jan-00 09:00	01/13/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, %SOLIDS

2-4-00

Daniel Wright/Date
Laboratory Director

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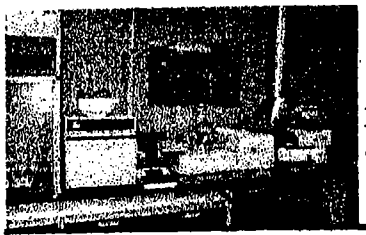
SAMPLING

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(M)DERA ( )OMA ( )Other:

Project No:
Location: M2 LANDFILL
BENZENE INVESTIGATION

Samplers Name / Company : MARK LAURA

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA +15	% SOLIDS						HNU	Comments: Remarks / Preservation Method
4328 1	TRIP BLANK	3-8-99	—	AQ.	2	X								HCL
2	FIELD BLANK		1110	"	"	"								"
3	31 6.5'		1310	soil		X	X							V00805 <4°C
4	" 7-10'		1320	AQ.		X								HCL
5	32 6.5'		1410	soil		X	X							V00807 <4°C
6	" 7-10'		1422	AQ.		X								HCL
7	33 6.5'		1515	soil		X	X							V00809 <4°C
8	" 7-10'		1522	AQ.		X								HCL

Comments: QQQ 4327

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[signature]	3-8-99 1540	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified

Turnaround: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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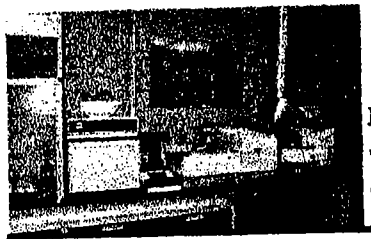

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(√)DERA ( )OMA ( )Other:_____

Project No:
Location: MZ LANDFILL BENZENE INVEST.

Samplers Name / Company : MARK LAURA T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15	Analysis Parameters: % SOLID	Analysis Parameters: HNU	Comments: Remarks / Preservation Method
4332 01	TRIP BLANK	3-9-99	—	AQ.	2	X		—	HCL
02	FIELD BLANK		1030	"		X		—	"
03	34 6.5'		1120	soil		X	X	8 PPM	VOA 820 <4°C
04	" 7-10'		1130	AQ.		X		6 PPM	HCL
05	35 36"		1325	soil		X	X	11 PPM	VOA 822 <4°C
06	" 7-10'		1345	AQ.		X		6 PPM	HCL
07	36 42"		1425	soil		X	X	100 PPM	VOA 824 <4°C
08	" 7-10'		1430	AQ.		X		2 PPM	HCL
09	37 78"		1525	soil		X	X	0 PPM	VOA 826 <4°C
10	" 7-10'	—	1535	AQ.		X		"	HCL

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	3-9-99 1540				
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Report Type: (_)Full, (_)Reduced, (√)Standard, (_)Screen / non-certified
Turnaround time: (√)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000004

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
BENZENE DILINEATION

Samplers Name / Company : MARK LAURA T.V.S. PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	% SOLID						HNU	Comments: Remarks / Preservation Method
4324. 01	TRIP BLANK	3-10-99	—	AQ.	2	X								HCL
02	FIELD BLANK		0930	"	"	"								"
03	38 6.5'		1035	SOIL		X	X							V00829 ≤4°C
04	" 7-10'		1040	AQ.		X								HCL
05	39 6.5'		1118	SOIL		X	X							V00833 ≤4°C
06	" 7-10'		1127	AQ.		X								HCL
07	40 6.5'		1300	SOIL		X	X							V00835 ≤4°C
08	" 7-10'		1313	AQ.		X								HCL
09	41 6.5'		1415	SOIL		X	X							V00537 ≤4°C
010	" 7-10'		1420	AQ.		X								HCL
011	42 6.5'		1510	SOIL		X	X							V00839 ≤4°C
012	" 7-10'			AQ.		X								HCL

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Mark Laura	3-10-99 1530	J. Vaughan			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Remarks:

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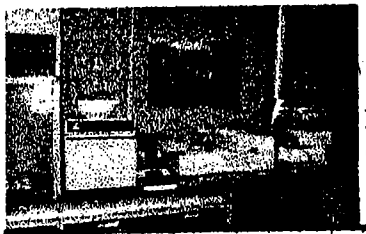

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No:
Location: MJ Landfill
Benzene Plume

Samplers Name / Company: Mark Laura / TtS PMS-087

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA's	% Solids							Comments: Remarks / Preservation Method
4339.01	Trip Blank	3-11-99	—	Aq	2	X							—	HCL
02	Field Blank		1000	"									—	"
03	43 6.5'		1040	Soil			X	(V00842)						< 4°C
04	" 7-10'		1140	Aq										HCL
05	44 6.5'		1130	Soil			X	(V00844)						< 4°C
06	" 7-10'	"	1145	Aq	↓	↓								HCL

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[signature]	3-11-99 1300	[signature]			
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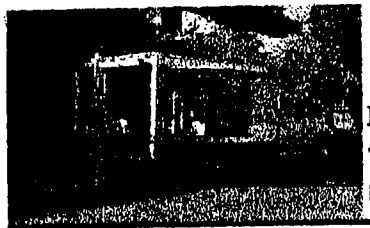
Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000006



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: MZ - LANDFILL BENZENE INVEST

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Met Tals	PEST BN	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4350-01	TRIP BLANK	3-16-99	—	AQ.	1	X				~~VOO~~ (MW) 3/16		<4°C
02	FIELD BLANK		1020	AQ.	2	X						HCL
03	45 6.5'		1115	SOIL		X			X	V00847	0 PPM	<4°C
04	" 7-10'		1122	AQ.		X					"	HCL
05	46 6.0'		1150	SOIL		X			X	V00849	"	<4°C
06	" 6.5-9.5'		1200	AQ.		X					"	HCL
07	47 6.0'		1325	SOIL		X			X	V00851	"	<4°C
08	" 6.5-9.5		1400	AQ.		X					"	HCL
09	48 6.0'		1355	SOIL		X			X	V00853	"	<4°C
010	" 6.5-9.5'		1410	AQ.		X					"	HCL
~~011~~	49 6.0'			SOIL		X	\		X	V00855	"	<4°C
012	" ~~6.5-9.5'~~ (MW)			AQ.		X					"	HCL

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Mark Laura	3-16-99				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

00007

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IN 98-0211
Location: A-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+IS	Metals	PEST BNA	1/4 SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4355 01	TRIP BLANK	3-17-99	—	AQ.	2	X					—	HCL
02	Field Blank		0900	"	"	X					—	"
03	49 6.0'		0943	soil		X			X	V00856	0 PPM	<4°C
04	" 6.5-9.5'		0947	AQ.		X						HCL
05	50 6.0'		1030	soil		X			X	V00858		<4°C
06	" 6.5-9.5'		1040	AQ.		X						HCL
07	51 6.0'		1120	soil		X			X	V00860		<4°C
08	" 6.5-9.5'		1125	AQ.		X						HCL
09	52 6.0'		1145	soil		X			X	V00862		<4°C
010	" 6.5-9.5'		1200	AQ.		X						HCL
011	53 6.0'		1345	soil		X			X	V00866		<4°C
012	" 6.5-9.5'		1350	AQ.		X						HCL
013	54 6.0'		1420	soil		X			X	V00868		<4°C
014	" 6.5-9.5'		1425	AQ		X						HCL

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Remarks:

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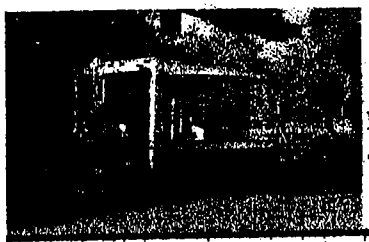

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IJN 98-0211
Location: M-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA TICS	Metals	PEST BNA	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4355. 015	SS 6.0'	3-17-99	1510	SOIL	2	X			X	V00870	0 PPM	4°C
016	" 6.5/9.5'	"	1520	AQ.	"	X					"	HCL
017	FIELD DUP 6.0'	"		SOIL	"	X			X	V00864	"	4°C
018	" " 6.5/9.5'	"		AQ.	"	X						HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Remarks:

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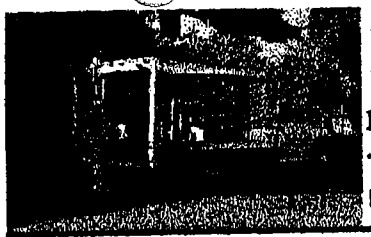

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:

Project No: IFN 98-0211
Location: MZ LANDFILL
BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAH	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4358 01	TRIP BLANK	3-18-99	—	AQ.	2	X						HCL
02	FIELD BLANK	"	0950	"	"	X					0 PPM	"
03	56 6.0'	"	1050	SOIL	"	X			X	V00873	"	<4°C
04	" 6.5-9.5'	"	1055	AQ.	"	X					"	HCL
05	57 6.0'	"	1140	SOIL	"	X			X	V00961	"	<4°C
06	" 6.5-9.5'	"	1145	AQ.	"	X					4 PPM	HCL
07	58 6.0'	"	1425	SOIL	"	X			X	V00963	60 PPM	<4°C
08	" 6.5-9.5'	"	1455	AQ.	"	X					"	HCL
09	59 6.0'	"	1520	SOIL	"	X			X	V00965	"	<4°C
010	" 6.5-9.5'	"	1528	AQ.	"	X					"	HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	3-18-99 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

00030

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon, SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:
Project No: IN 98-0211
Location: M-2 LANDFILL BENZENE INVEST.
Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA TICS	Metals	PEST BNA	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
43608. 01	TRIP BLANK	3-23-99	—	AQ	2	X					—	HCL
02	FIELD BLANK		0915	"		X					0 PPM	"
03	59 6.0'		0953	soil		X			X	V00968	"	4°C
04	" 6.5-9.5'		1003	AQ	1	X					"	HCL
05	60 6.0'		1035	soil		X			X	V00970	4 PPM	4°C
06	" 6.5-9.5'		1040	AQ.		X					4 PPM	HCL
07	61 6.0'		1120	soil		X			X	V00972	0 PPM	4°C
08	" 6.5-9.5'		1125	AQ		X					"	HCL
09	62 ~~6.0~~ 9.5'		1155	soil		X			X	V00974	15 PPM	PETROLEUM ODOR 4°C
010	" 6.5-9.5'		1200	AQ.		X					0 PPM	HCL
011	63 6.0'		1340	soil		X			X	V00976		
012	" 6.5-9.5'		1345	AQ		X						
013	64 6.0'		1425	soil		X			X	V00978		
014	" 6.5-9.5'		1438	AQ.		X						

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[signature]	3-23-99 1525	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report T... ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaro... dme: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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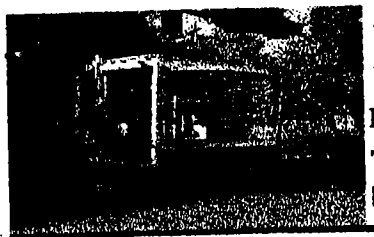

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB N	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
43688 015	65 6.0'	3-23-99	1505	soil	2	X			X	V009 80		<4°C
" 016	" 6.5-9.5'	"	1510	AQ.	"	X						HCl

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	3-23-99 1525				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

000012

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Met TAL's	PEST PCB PAH SVOA	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4381. 01	TRIP BLANK	3-30-99	—	AQ.	2	X						HCL
02	FIELD BLANK		0920	"	2	X						"
03	65 6.5'		0950	SOIL		X			X	V0036	0 PPM	4°C
04	" 7-10'		1015	AQ		X					"	HCL
05	67(DUP) 6.5'		1100	SOIL		X	\		X	V0038	7 PPM	4°C
06	" 7-10'		1115	AQ		X						HCL
07	68 48" 65(DUP)		1150	SOIL		X			X	V0040		4°C
08	" 7-10'		1200	AQ.		X						HCL
09	69 48"		1340	SOIL		X			X	V0042		4°C
010	" 4-7'		1348	AQ.		X						HCL
011	70 6.5'		1505	SOIL		X			X	~~V0043~~ (DUP) V0044		4°C
012	" 7-10'		1510	AQ.		X						HCL

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[signature]	3-30-99 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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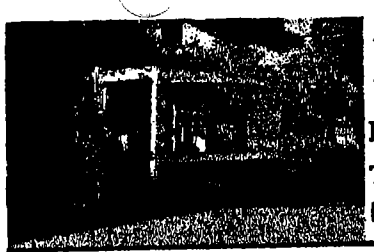

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4996.01	Trip Blank	4-6-99	—	AQ.	2	X						HCl
02	Field Blank	"	0930	"	"	X					Trip Blank OVA @	"
03	71 6.0'		1108	soil		X			X	V0064	70 ppm	OVA
04	" 6.5-9.5'		1130	AQ.		X					0 ppm	"
05	72 5.5'		1335	soil		X			X	V0066	100 ppm	"
06	" 6.0-9.0'		1340	AQ.		X					0 ppm	"
07	73 5.5'		1425	soil		X			X	V0068	100 ppm	"
08	" 6.0-9.0'		1430	AQ.		X						

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[signature]	4-6-99 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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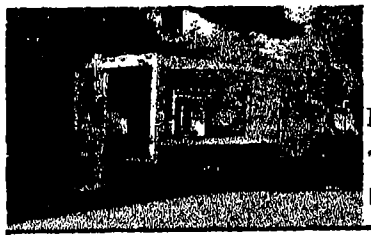

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBN	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4467. 01	TRIP BLANK	4-9-99	—	AQ.	2	X						HCL
02	FIELD BLANK		0845	"	"	X						"
03	74 6.0'		930	SOIL	"	X			X	V0071		4°C
04	" 6.5-9.5'		0950	AQ.	"	X						HCL
05	75 6.0'		1050	SOIL	"	X			X	V0073		4°C
06	" 6.5-9.5'		1120	AQ.	"	X						HCL
07	76 48"		1410	SOIL	"	X			X	V0075		4°C
08	" 4-7'		1420	AQ.	"	X						HCL
09	FIELD BLANK "			SOIL	"	X			X	V0159		4°C
010	"DUP 4/5/1999"		—	AQ.	"	X						HCL

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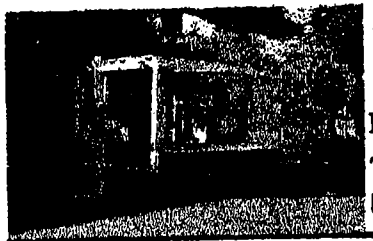
[signature]	4-9-99 1350	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000015



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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE INVST

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	METALS	PEST PCB BN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4414-01	TRIP BLANK	4-13-99	—	AQ.	2	X						HCL
02	FIELD BLANK		1000	"	"	X						"
03	77 6.5'		1030	SOIL		X			X	V00078	5 PPM	<4°C
04	" 7-10'		1040	AQ		X					0 PPM	HCL
05	78 6.5'		1125	SOIL		X			X	V00080	0 PPM	<4°C
06	" 7-10'		1130	AQ.		X					"	HCL
07	79 42" ~~45~~ (2)		1415	SOIL		X			X	V00155	30 PPM OVA	0 PPM HNU <4°C
08	" 5-8'		1420	AQ.		X					0 PPM	HCL
09	80 4.5'		1510	SOIL		X	~~X~~		X	V00157		<4°C
010	" 5-8'		1515	AQ.		X						HCL

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	4-13-99 1530				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000016

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV	Project No: IJN 98-0211	
Phone #: (732) 532-6223	Location: M-2 LANDFIL BENZENE INVEST.	
(X)DERA ( )OMA ( )Other:_____		

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4417. 01	TRIP BLANK	4-14-99		AQ.	2	X						HCl
02	FIELD BLANK		1015	"	"	X						
03	81 5.5'		1035	SOIL		X			X	V00179	0 PPM	0 PPM
04	" 6-9'		1040	AQ.		X					"	"
05	82 46"		1140	SOIL		X			X	V00181	14 PPM	"
06	" 4-7'		1145	AQ.		X					0 PPM	"
07	83 7.5'		1310	SOIL		X			X	V00183	"	"
08	" 8-11'		1315	AQ.		X					"	"
09	84 7.5'		1350	SOIL		X			X	V00185	6 PPM	"
010	" 8-11'		1355	AQ.		X					0 PPM	"
011	85 7.5'		1430	SOIL		X			X	V00187	"	3 PPM
012	" 8-11'		1435	AQ.		X					"	0 PPM
013	86 7.5'		1515	SOIL		X			X	V00189	"	"
014	" 8-11'		1520	AQ.		X						

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[signature]	4-14-99 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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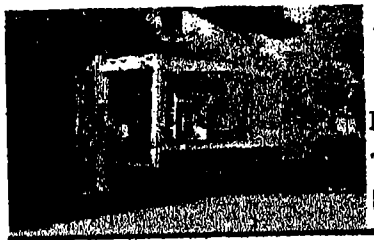
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified

Turnarou e: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000017



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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
44612. 01	TRIP BLANK	4-16-99	—	AQ.	2	X						HNU
02	FIELD BLANK		0940	"	"	X						.
03	87 6.0'		1005	SOIL		X			X	V00192	0 PPM	0 PPM
04	" 5.5-8.5'		1015	AQ.		X					"	"
05	88 4.6"		1105	SOIL		X			X	V00194	"	"
06	" 4-7'		1110	AQ.		X					"	"
07	89 6.0'		1140	SOIL		X			X	V00196	"	"
08	" 6.5-9.5'		1145	AQ.		X					"	"
09	90 6.0'		1400	SOIL		X			X	V00198	"	"
010	" 6.5-9.5'		1407	AQ.		X					"	"
011	91 6.0'		1445	SOIL		X			X	V00200	"	"
012	" 6.5-9.5'		1450	AQ.		X					"	"

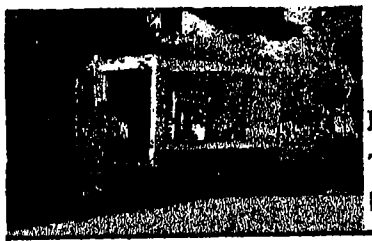
Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-16-99 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: RAIN

000018



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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
44433. 01	TRIP BLANK	4-21-99		AQ.	2	X						<4°C
02	FIELD BLANK		0950	"	"	X						HNU HCL
03	92 7.5'		1030	soil		X			X	V00203	0 PPM	0 PPM <4°C
04	" 8-11'		1040	AQ.		X					"	4 HCL
05	93 6.0' ~~7.5'~~		1135	soil		X			X	V00205	4	" <4°C
06	" ~~6.5-9.5 11'~~		1142	AQ.		X					4	" HCL
07	94 6.0'		1345	soil		X			X	V00207	"	3 PPM <4°C
08	" 6.5-9.5'		1350	AQ.		X					4	0 PPM HCL
09	95 7.5'		1435	soil		X			X	V00209	~~30~~ PPM	30 PPM PETRO. DOOR <4°C
010	" 8-11'		1450	AQ.		X					"	9 PPM
011	96 7.5'		1525	soil		X			X	V00211	"	4
012	" 8-11'		1530	AQ		X					"	"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-21-99 1530	J. Clingfelter			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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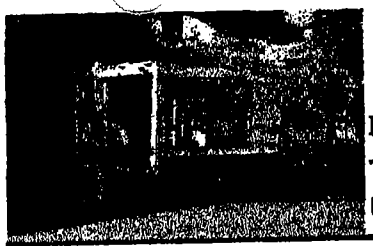

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PESTBN	PCB	%SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4442. 01	Trip Blank	4-26-98	—	AQ.	2	X							HCL
02	Field Blank	"	0940	"	"	X							"
03	98 6.5'~~7-10'~~	"	1010	soil	"	X				X	V00217	0 PPM	cool
04	" 7-10'	"	1018	AQ.	"	X						"	HCL
05	98 6.5'	"	1050	soil	"	X				X	V00219	"	cool
06	" 7-10'	"	1055	AQ.	"	X						"	HCL
07	99 5.5'~~6-12'~~	"	1144	soil	"	X				X	V00221	"	cool
08	" 6-9'	"	1153	AQ	"	X						"	HCL
09	100 5'	"	1405	soil	"	X				X	V00223	"	
010	" 5.5-8.5'	"	1410	AQ.	"	X						"	
011	101 9'	"	1515	soil	"	X				X	V00225	"	
012	" 9.5-12.5'	"	1530	AQ.	"	X							

Relinquished by (signature): Matthew — Date/Time: 4-27-98 0730 — Received by (signature): J. Mayhew

Relinquished by (signature): — Date/Time: — Received by (signature):

Relinquished by (signature): — Date/Time: — Received by (signature):

Relinquished by (signature): — Date/Time: — Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified

Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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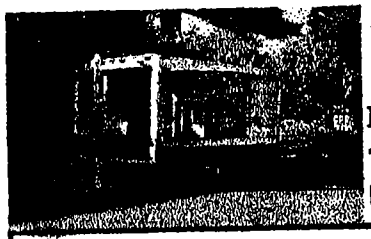

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Met. TAL's	PEST PCB N	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
												HNU ONLY
4445.01	TRIP BLANK	4-27-99	—	AQ.	2	X						HCL
02	FIELD BLANK		0925	"		X						"
03	102 7.5'		0955	SOIL		X			X	V00231	0 PPM	4°C
04	" 8-11'		1000	AQ		X					"	HCL
05	103 7.5'		1050	SOIL		X			X	V00233	"	4°C
06	" 8-11'		1055	AQ.		X					"	HCL
07	104 8.0'		1145	SOIL		X			X	V00235	10 PPM	4°C
08	" 8.5-11.5'		1158	AQ.		X					0 PPM	HCL
09	105 5'		1340	SOIL		X			X	V00237	"	4°C
010	" 5.5-8.5'		1445	AQ.		X					"	SLOW H2O RECHARGE HCL
011	106 6.0'		1435	SOIL		X			X	V00239		4°C
012	" 6.5-9.5'		1440	AQ.		X						HCL
013	107 9.0'		1520	SOIL		X			X	V00241		4°C
014	" 9.5-12.5'		1530	AQ.		X						HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4-27-99/1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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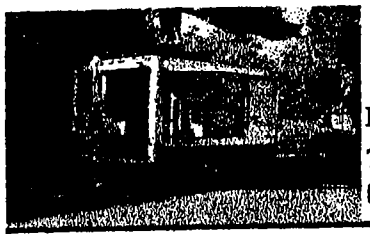

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 Landfill Benzene Invest.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAH	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
4445 015	FIELD DUP. 7.5'	4-27-99	—	SOIL	2	+			+	V00249	ppm	<4°C
016	" " 8-11'	"	—	AQ.	"	+						HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	4-27-99 1535				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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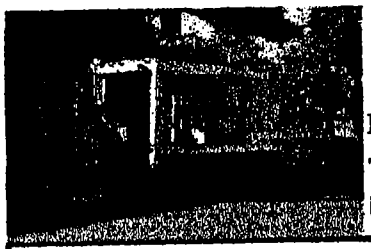

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Met TAL s	PEST PCB TBN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
44601 01	TRIP BLANK	5-4-99		AQ.	2	X						HNO3 HCL
02	FIELD BLANK		0930	"	"	X						HCL
03	108 60"		1020	SOIL		X			X	V00276	0 PPM	0 PPM
04	" 5.5-8.5'		1030	AQ.		X					"	"
05	109 60"		1105	SOIL		X			X	V00278	2 PPM	3 PPM
06	" 5.5-8.5'		1115	AQ.		X					0 PPM	0 PPM
07	110 60"		1150	SOIL		X			X	V00280	3 PPM	1 PPM
08	" 5.5-8.5'		1158	AQ.		X					0 PPM	0 PPM
09	111 48"		1315	SOIL		X			X	V00282	"	"
010	" 4.5-7.5'		1325	AQ.		X					"	"
011	112 48"		1405	SOIL		X			X	V00284	"	"
012	" 4.5-7.5'		1410	AQ.		X					3 PPM	"
(12) 013												
014												

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[signature]	5-4-99 1440	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnarou e: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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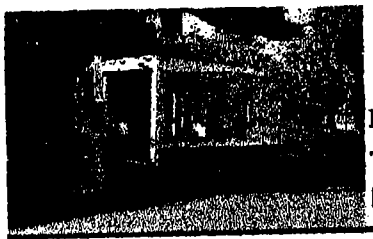

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	TAL Metals	PEST PCB	% SOLID	VOA ID NUMBER	HNU PPM	Comments: Remarks / Preservation Method
44605. 01	TRIP BLANK	5-6-99	—	AQ.	2	X					—	HCL
02	FIELD BLANK	"	0910	"	"	X					—	HCL
03	113 5.0'	"	0950	SOIL	"	X			X	V00286	0 PPM	cool
04	" 5.5-8.5'	"	0955	AQ.	"	X					"	HCL
05	114 5.0'	"	1035	SOIL	"	X			X	V00288	4 PPM	cool
06	" 5.5-8.5'	"	1040	AQ.	"	X					0 PPM	HCL
07	115 5.0'	"	1135	SOIL	"	X			X	V00291	8 PPM	cool
08	" 5.5-8.5'	"	1145	AQ	"	X				V00292	2 PPM	HCL
09	116 5-0	"	1420	SOIL	"	X			X	V00293	2 PPM	cool
010	" 5.5-8.5'	"	1425	AQ	"	X					0 PPM	HCL
011	117 4.5'	"	1505	SOIL	"	X			X	V00295	0 PPM	cool
012	" 5-8'	"	1510	AQ	"	X					9 PPM	HCL
013	118 4.5'	"	1535	SOIL	"	X			X	V00297	0 PPM	cool
014	" 5-8'	"	1540	AQ.	"	X					0 PPM	HCL

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Mark Laura	5-6-99 1545	J. Vaughan			
Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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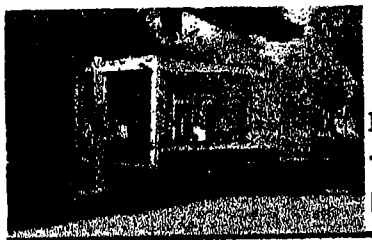

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL BENZENE INVEST.

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	FECT PCB PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
44665.015	FIELD DUP. 5.0'	5-6-99	—	SOL	2	X			X	V00305		CLOC
016	" " 5.5-8.5'	"	—	AQ.	"	X						HCL

Analysis Parameters

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	5-6-99 1535	[signature]			
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Report T( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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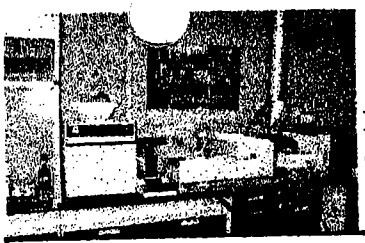

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Falco
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
Benzene Discrimination

Samplers Name / Company:

Analysis Parameters

Comments: Cal. #1 OVA #2 Hnu

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	% Solid					OVA	HNU	Remarks / Preservation Method
4918. 1	Trip Blank	11-3-99	—	Meth.	1	X						—	—	V00945 <4°C
2	Field Blank	"	1000	AQ.	2	X						—	—	HCl
3	64-A — 90"	"	1020	soil	2	X	X					10 ppm	0 ppm	V00946 <4°C
4	" — 8-11'	"	1035	AQ.	2	X						100 ppm →	0 ppm	100 ppm Headspace HCl
5	65-A — 90"	"	1115	soil	2	X	X					0 ppm	0 ppm	V00947 <4°C
6	" — 8-11'	"	1130	AQ.	2	X						"	"	HCl
7	66-A — 90"	"	1315	soil	2	X	X					"	"	V00948 <4°C
8	" — 8-11'	"	1330	AQ.	2	X						"	"	HCl
9	67-A — 90"	"	1350	soil	2	X	X					"	"	V00949 <4°C
10	" — 8-11'	"	1405	AQ.	2	X						"	"	HCl
11	68-A — 90"	"	1415	soil	2	X	X					10 ppm	"	V00950 <4°C
12	" — 8-11'	"	1430	AQ.	2	X						0 ppm	"	HCl
13	69-A — 90"	"	1448	soil	2	X	X					10 ppm	"	V00951 <4°C
14	" — 8-11'	"	1500	AQ.	2	X						0 ppm	"	HCl

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	11-3-99 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL
BENZENE DILINEATION

Samplers Name / Company: MARK LAURA

Analysis Parameters: VOA+15 | % SOLID | OVA | HNU

Comments: Cal. #1 OVA #2 HNU O.K. (MD)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	% SOLID	OVA	HNU	Remarks / Preservation Method
4915.1	TRIP BLANK	11-4-99	—	METH.	1	X		—	—	V00957 <4°C
2	Field Blank	"	0930	AQ.	2	X		—	—	HCL
3	64-B 90"	"	0948	SOIL	2	X	X	0 PPM	0 PPM	V00958 <4°C
4	" 8-11'	"	1005	AQ.	2	X		"	"	HCL
5	65-B 90"	"	1030	SOIL	2	X	X	"	"	V00959 <4°C
6	" 8-11'	"	1040	AQ.	2	X		"	"	HCL
7	66-B 90"	"	1110	SOIL	2	X	X	"	"	V00960 <4°C
8	" 8-11'	"	1115	AQ.	2	X		"	"	HCL
9	67-B 90"	"	1330	SOIL	2	X	X	"	"	V00952 <4°C
10	" 8-11'	"	1340	AQ.	2	X		"	"	HCL
11	68-B 90"	"	1415	SOIL	2	X	X	100 PPM	"	V00953 (METH. ODOR) <4°C
12	" 8-11'	"	1430	AQ.	2	X		"	"	HCL
13	69-B 90"	"	1450	SOIL	2	X	X			V00954 <4°C
14	" 8-11'	"	1500	AQ.	2	X				HCL

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Mark Laura	11-4-99 1520				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 3 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

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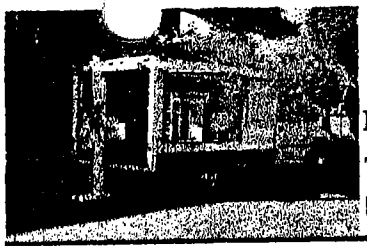

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE DILUGATION

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU Cal. #1 OVA OVA-(TIP)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
7931. 1	Trip Blank	11-8-99	—	METH.	1	X				V00964	—	— <4°C
2	Field Blank	"	1000	AQ.	2	X					—	- HCL
3	113-A — 90"	"	1140	SOIL	2	X			X	V00965	0 PPM	0 PPM <4°C
4	" — 8-11'	"	1150	AQ.	2	X					"	" HCL
5	114-A — 90"	"	1318	SOIL	2	X			X	V00970	100 PPM	20 PPM <4°C
6	" — 8-11'	"	1340 ~~1318~~	AQ.	2	X					50 * PPM	— HCL
7	115-A — 90"	"	1350	SOIL	2	X			X	V00971	80 PPM	30 PPM <4°C
8	" — 8-11'	"	1411	AQ.	2	X					0 PPM	— HCL
9	116-A — 90"	"	1438	SOIL	2	X			X	V00972	"	0 PPM <4°C
10	" — 8-11'	"	1448	AQ.	2	X					"	— HCL

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[signature]	11/8/99 1500	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: * HEADSPACE

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE DELINEATION

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTBN	%SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4933. 1	TRIP BLANK	11-10-99	—	METH	1	X				V00923	0 PPM	0 PPM <4°C
2	Field Blank	"	0850	AQ.	2	X					"	" HCL
3	117 A 90"	"	0915	soil	2	X			X	V00974	"	" <4°C
4	" 8-11'	"	0930	AQ.	2	X					"	" HCL
5	114 B 90"	"	0945	soil	2	X			X	V00975	"	" <4°C
6	" 8-11'	"	0955	AQ.	2	X					"	" HCL
7	115 B 90"	"	1015	soil	2	X			X	V00976	10 PPM	" <4°C
8	" 8-11'	"	1030	AQ.	2	X					0 PPM	" HCL
9	116 B 90"	"	1050	soil	2	X			X	V00978	"	" <4°C
10	" 8-11'	"	1110	AQ.	2	X					"	" HCL
11	117 B 90"	"	1130	soil	2	X			X	V00979	"	" <4°C
12	" 8-11'	"	1145	AQ.	2	X					"	" HCL
13	118-B 90'	"	1200	soil	2	X			X	V00980	"	" <4°C
14	" 8-11'	"	1210	AQ.	2	X					"	" HCL

Comments: Col. # 2 HNU # 1 OVA HNU

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	11-10-99 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified.
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: (B) 113-B INACCESSABLE FOR VEHICLE - TO WET

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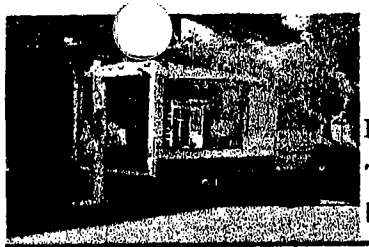

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-2 LANDFILL
BENZENE DILINEATION

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Metals	PEST PCB PAN	% SOLID	VOA ID NUMBER	OVA	Comments: Remarks / Preservation Method
15	Field Dup. 90"	11-10-99	—	SOIL	2	X			X	V00977		4°C
16	" " 8-11'	"	—	AQ.		X						HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark	11-10-99 1345				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, (X)Rush 1 WK Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000030

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other: ______

Project No:
Location: M-2 Landfill Benzene Investigation

Samplers Name / Company: Mark Laura - TVS - PWS07

Comments: Cal. TVA-1000 O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15	% Solid					PID	FID	Remarks / Preservation Method
49168. 1	Trip Blank	11-30-99	—	METH.	1	X						-	-	V00017 ≤4°C
2	Field Blank	"	0925	AQ.	2	X						-	-	HCL
3	114-C — 90"	"	1010	SOIL	2	X	X					24.04	48.72	V00018 ≤4°C
4	" — 8-11'	"	1020	AQ.	2	X						-	-	HCL
5	115-C — 90"	"	1045	SOIL	2	X	X					31.32	49.05	V00019 ≤4°C
6	" — 8-11'	"	1055	AQ.	2	X						-	-	HCL
7	116-C — 90"	"	1120	SOIL	2	X	X					1.12	3.30	V00020 ≤4°C
8	" — 8-11'	"	1130	AQ.	2	X						-	-	HCL
9	117-C — 90"	"	1148	SOIL	2	X	X					1.20	69.10	V00021 ≤4°C
10	" — 8-11'	"	1200	AQ.	2	X						-	-	HCL
11	118-C — 90"	"	1330	SOIL	2	X	X					1.30	8.62	V00022 ≤4°C
12	" — 8-11'	"	1350	AQ.	2	X						-	-	HCL
13	119-C — 90"	"	1415	SOIL	2	X	X							V00023 ≤4°C
14	" — 8-11'	"	1430	AQ.	2	X								HCL

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: ( )Standard 3 wks, (X)Rush 1 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000031

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
BENZENE DELINEATION

Samplers Name / Company: MARK LAUER - TVS - PWS 07

Analysis Parameters: VOA + 15; % SOLID; PID; FID

Comments: Cal. TVA-1000 O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	% SOLID	PID	FID	Remarks / Preservation Method
4971 1	TRIP BLANK	12-1-99	-	METH.	1	X		-	-	V0030 <4°C
2	Field Blank	"	0930	AQ.	2	X		-	-	HCL
3	113-D - 90"	"	1000	SOIL	2	X	X	1.92	12.62	V0031 <4°C
4	" - 8-11'	"	1013	AQ.	2	X		-	-	HCL
5	114-D - 90"	"	1125	SOIL	2	X	X	2.12	9.37	V0032 <4°C
6	" - 8-11'	"	1130	AQ.	2	X		-	-	HCL
7	115-D - 90"	"	1340	SOIL	2	X	X	1.20	10.12	V0033 V0033 (MS) <4°C
8	" - 8-11'	"	1353	AQ.	2	X		-	-	HCL
9	116-D - 90"	"	1410	SOIL	2	X	X	2.02	12.07	V0034 <4°C
10	" - 8-11'	"	1420	AQ.	2	X		-	-	HCL
11	117-D - 90"	"	1450	SOIL	2	X	X			V0035 <4°C
12	" - 8-11'	"	1500	AQ.	2	X				HCL

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[signature]	12-1-99 1520	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (✓)Rush 10 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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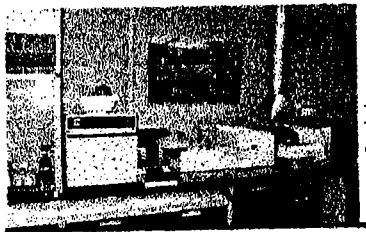

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCO
Phone #: 26623
(✓)DERA ( )OMA ( )Other:
Project No:
Location: M-2 LANDFILL BENZENE DELINEATION
Samplers Name / Company: MARK LAURA - TVS-PWS07

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA 1,15	% SOLID					PID	FID	Comments: Remarks / Preservation Method
492.	1	Trip Blank	12-2-99	—	META.	1	X						—	—	V00036 <4°C
	2	Field Blank	"	1120	AQ	2	X						—	—	HCL
	3	118-D - 90"	"	1145	soil	2	X	X					1.01	2.07	V00037 <4°C
	4	" - 8-11'	"	1200	AQ.	2	X						—	—	HCL
	5	113E - 90"	"	1325	soil	2	X	X					1.09	9.63	V00038 <4°C
	6	" - 8-11'	"	1335	AQ.	2	X						—	—	HCL
/	7	114-E - 90"	"	1345	soil	2	X	X					2.36	11.02	V00039 <4°C
	8	" - 8-11'	"	1355	AQ.	2	X						—	—	HCL
	9	115-E - 90"	"	1415	soil	2	X	X					1.02	9.04	V00040 <4°C
	10	" - 8-11'	"	1430	AQ.	2	X						—	—	HCL
	11	116E - 90"	"	1445	soil	2	X	X					2.31	3.01	V00059 <4°C
	12	" - 8-11'	"	1500	AQ.	2	X						—	—	HCL
	13	FIELD DUP - 90"	"	—	soil	2	X	X							V00063 <4°C
	14	" " 8-11'	"	—	AQ.	2	X								HCL

Comments: QA TVA-1000 O.K (HW)

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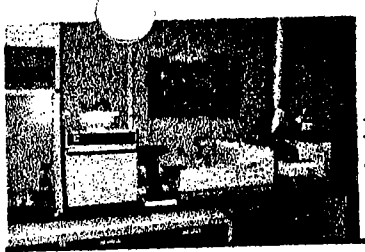
[signature]	12-2-99 1520	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround Time: ( )Standard 3 wks, (X)Rush 10 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000033



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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
BENZENE DELINEATION

Samplers Name / Company: MARK LAURA - TVS-PRS 07

Comments: Cal. TVA-1000 Cal. O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15						PID	FID	Remarks / Preservation Method
4979 1	TRIP BLANK	12-3-99	—	METH.	1	X						—	—	V00058 <4°C
2	Field Blank	"	0900	AQ.	2	X						—	—	HCL
3	117E — 90"	"	0940	SOIL	2	X	X					0.96	2.02	V00053 <4°C
4	" — 8-11'	"	0955	AQ.	2	X						—	—	HCL
5	118E — 90"	"	1015	SOIL	2	X	X					0.11	6.13	V00054 <4°C
6	" — 8-11'	"	1030	AQ.	2	X						—	—	HCL
7	64-C — 96"	"	1130	SOIL	2	X	X					.96	6.52	V00055 <4°C
8	" — 8.5-11.5'	"	1145	AQ.	2	X						—	—	HCL
9	65-C — 96"	"	1300	SOIL	2	X	X					1.97	4.07	V00056 <4°C
10	" — 8.5-11.5'	"	1310	AQ.	2	X						—	—	HCL
11	66C — 96"	"	1320	SOIL	2	X	X					2.12	7.92	V00057 <4°C
12	" — 8.5-11.5'	"	1330	AQ.	2	X						—	—	HCL
13	67C — 96"	"	1400	SOIL	2	X	X					1.13	8.72	V00060 <4°C
14	" — 8.5-11.5'	"	1415	AQ.	2	X						—	—	HCL

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, (X)Rush 14 Days, ( )ASAP Verbal ____ Hrs.

Remarks:

0000034

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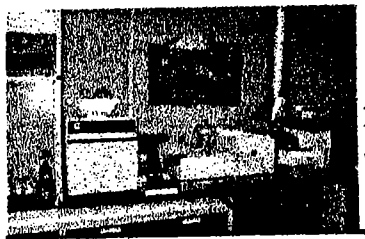

Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALCON
Phone #: 26623
(X)ERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
BENZENE DELINGATION

Samplers Name / Company: MARK LAURA - TUS - PWS07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	% SOLID					PID	FID	Comments: Remarks / Preservation Method
4979.15	68-C — 96"	12-3-99	1430	soil	2	X	X					:07	.89	<4°C
" 16	" — 8.5-11.5'	"	1440	AQ.	2	X						-	-	HCl

see pg. 1

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Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: ( )Standard 3 wks, (X)Rush 1 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

000035

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FAHLON
Phone #: 26623
(V)DERA ( )OMA ( )Other:_____

Project No:
Location: M-Z LANDFILL BENZENE DELINEATION

Samplers Name / Company : MARK LAUNA - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15	Analysis Parameters: % SOLID	Comments: Remarks / Preservation Method
4990. 1	TRIP BLANK	12-6-99	—	METH.	1	X		VOOO43 <4°C
2	Field Blank	"	1115	AQ.	2	X		HCL
3	64-D — 8'	"	1140	SOIL	2	X	X	VOOO44 <4°C
4	" — 8.5-13.5'	"	1155	AQ	2	X		HCL
5	65-D — 8'	"	1300	SOIL	2	X	X	VOOO45 <4°C
6	" — 8.5-13.5'	"	1315	AQ	2	X		HCL
7	66-D — 8'	"	1330	SOIL	2	X	X	VOOO46 <4°C
8	" — 8.5-13.5'	"	1350	AQ.	2	X		HCL
9	67-D — 8'	"	1405	SOIL	2	X	X	VOOO47 <4°C
10	" — 8.5-13.5'	"	1420	AQ	2	X		HCL

Comments: CAL. TVA-1000 @ CW-1 SITE A:M

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	12-6-99 1430				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (X)Rush 1 WK Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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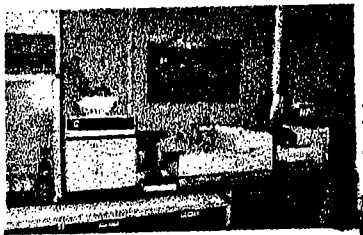

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NJDEP Certification #13461

Chain of Custody Record

Customer: JOSEPH FALLON
Phone #: 26623
(✓)DERA ( )OMA ( )Other:

Project No:
Location: M-2 LANDFILL
BENZENE DELINEATION

Samplers Name / Company: MARK LAURA - TVS - PNS 07

Analysis Parameters: VOA + 15 | % SOLID | PID | FID

Comments: Cal. TVA-1000 0,1C, (MM)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	% SOLID	PID	FID	Remarks / Preservation Method
49015. 1	TRIP BLANK	12-7-99	—	METH	1	X		—	—	V00045 <4°C
2	Field Blank	"	0815	AQ.	2	X		—	—	HCL
3	68-D — 8'	"	0830	soil	2	X	X	0.19	1.06	V00049 <4°C
4	" — 8.5-13.5'	"	0840	AQ	1	X		—	—	HCL
5	64-E — 8'	"	0900	soil	2	X	X	1.21	3.62	V00050 <4°C
6	" — 8.5-13.5'	"	0915	AQ	1	X		—	—	HCL
7	65-E — 8'	"	0940	soil	2	X	X	0.98	1.01	V00051 <4°C
8	" — 8.5-13.5'	"	0954	AQ.	1	X		—	—	HCL
9	66-E — 8'	"	1025	soil	2	X	X	0.71	1.22	V00052 <4°C
10	" — 8.5-13.5'	"	1040	AQ.	1	X		—	—	HCL
11	67-E — 8'	"	1110	soil	2	X	X	0.19	2.31	V00064 <4°C
12	" — 8.5-13.5'	"	1130	AQ.	1	X		—	—	HCL
13	FIELD DUP. — 8'	"	—	soil	2	X	X	—	—	V00062 <4°C
14	" — 8.5-13.5'	"	—	AQ	1	X		—	—	HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround Time: ( )Standard 3 wks, ( )Rush 14 Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(/)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 Landfill

Samplers Name / Company:

Analysis Parameters

Comments: Cal TVA 1000

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	%SOL					D+D	FID	Remarks / Preservation Method
5058 1	TRIP BLANK	1-3-00	-	METH	1	X								V00253 <4°C
2	FIELD BLANK	"	0930	AQ	2	X								HCL
3	113F 36-42"	"	1330	SOIL	2	X	X					-	2494	V00261 <4C
4	113F 60-66"	"	1334	"	2	X	X					60	4064	" 262 "
5	114F 30-36"	"	1337	"	2	X	X					.09	612	" 263 "
6	114F 60-66"	"	1340	"	2	X	X					1.76	1708	" 264 "
7	115F 36-42"	"	1341	"	2	X	X					32	196	" 265 "
8	115F 54-60"	"	1344	"	2	X	X					82	1731	" 266 "
9	115F 60-66"	"	1345	"	2	X	X					39	807	" 267 "
10	116F 12-18"	"	1350	"	2	X	X					135	946	" 268 "
11	116F 60-66"	"	1400	"	2	X	X					1.15	1975	" 269 "
12	117F 30-36"	"	1407	"	2	X	X					-	163	" 270 "
13	117F 72-78"	"	1410	"	2	X	X					-	1739	" 271 "
14	118F 36-43"	"	1435	"	2	X	X						382	" 272 "

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	1-3-99 1540				
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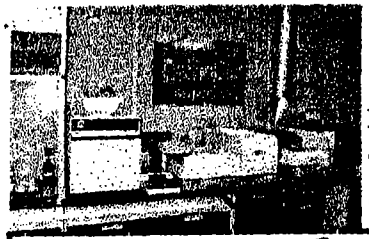
Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Background PID - 3.20 corrected PID - 0.2
FID - 2.25 FID - 0.24



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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Larkhill

Samplers Name / Company:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA 8015	Analysis Parameters: 8270	Analysis Parameters:				Analysis Parameters: PID	Analysis Parameters: FID	Comments: Remarks / Preservation Method
5058 . 15	118F 60-66"	1-3-00	1440	SOIL	2	X	X					-	1331	V00379 < 4°C
16	113F 7-12'	"	1450	AQ	2	X								ACL
17	114F "	"	1455	"	"	X								"
18	115F "	"	1500	"	"	X								"
19	116F "	"	1505	"	"	X								"
20	117F "	"	1510	"	"	X								"
21	118F "	"	1515	"	"	X								"
						1								

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[signature]	1-3-99 1540	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

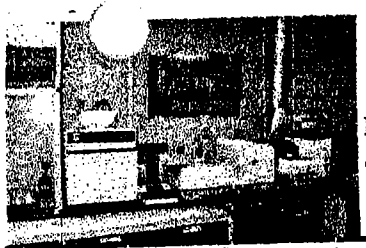
Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

000039

print legibly

Coc.xls 12/20/99



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPSI / Joe

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15	Analysis Parameters: % SOL.	Analysis Parameters:	Analysis Parameters:	Analysis Parameters:	Analysis Parameters:	Analysis Parameters: PID	Analysis Parameters: FID	Comments: Remarks / Preservation Method
5064 1	TRIP BLANK	1-4-00	-	METH	1	X								VOO305 <4°C
2	FIELD BLANK	"	0900	AQ	2	X								HCL
3	113E 30-36"	"	1027	SOIL	2	X	X					2.6	941	VOO306 <4°C
4	" 60-66"	"	1030	"	2	X	X					3.85	1067	" 307 "
5	" 66-72"	"	1034	"	2	X	X					4.2	1565	" 308 "
6	114E 60-66"	"	1039	"	2	X	X					2.7	1175	" 309 "
7	115G 18-24"	"	1330	"	2	X	X					7.24	520	" 325 "
8	115G 72-78"	"	1332	"	2	X	X					.8	636	" 326 "
9	116G 72-78	"	1338	"	2	X	X					.63	1892	" 327 "
10	117G 18-24"	"	1445	"	2	X	X					.33	842	" 363 "
11	117G 72-78"	"	1448	"	2	X	X					.25	2398	" 364 "
12	113G 7-12"	"	1441	AQ	2	X								HCL
13	114G "	"	1446	"	2	X								"
14	115G "	"	1450	"	2	X								"

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[signature]	1-5-00 0730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: background PID - 1.38 corrected PID - .03
FID - 2.51 FID - .04

000040

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Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #:
( )DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 LANDFILL
Samplers Name / Company: IPSI - JOE

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	% SOLID					PID	FID	Remarks / Preservation Method
5064 15	116 G 7-12'	1-4-00	1503	AQ	2	X								<4°C
16	117 G "	"	1509	"	"	X								"
17	118 G "	"	1518	"	"	X								"
18	118 30-36"	"	1534	SOIL	"	X	X					2.12	17.14	V00361 <4°C
19	" 42-48"	"	1536	"	"	X	X					20.48	1048	" 362 "

Analysis Parameters

Comments: see pg. 1

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-5-00 0730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPSI - JR

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: 8A7 15	70 8 2					PID	FID	Comments: Remarks / Preservation Method
5072 1	TRIP BLANK	1-5-00	-	METH	1	X								V00360 <4°C
2	FIELD BLANK	"	910	"	2	X								HCL
3	115H 36-42"	"	1341	SOIL	2	X	X					-	2728	V00374 <4°C
4	115H 60-66"	"	1344	"	2	X	X					10.35	1570	" 375 "
5	116H 36-42"	"	1347	"	2	X	X					-	603	" 376 "
6	116H 54-60"	"	1351	"	2	X	X					52	456	" 377 "
7	116H 72-78"	"	1353	"	2	X	X					27	880	" 378 "
8	117H 24-30"	"	1359	"	2	X	X					-	2300	" 379 "
9	117H 54-60"	"	1401	"	2	X	X					22	3805	" 380 "
10	117H 60-66"	"	1403	"	2	X	X					24	2565	" 381 "
11	118H 18-24"	"	1405	"	2	X	X					1.44	73	" 382 "
12	118H 36-42"	"	1407	"	2	X	X					10.82	1284	" 383 "
13	113H 48-54"	"	1420	"	2	X	X					10	1645	" 384 "
14	113H 54-60"	"	1424	"	2	X	X					17	1510	" 385 "

Relinquished by (signature)	Date/Time:	Received by (signature)	Relinquished by (signature)	Date/Time:	Received by (signature)
Joe Appleby	1-6-00 0800	Helmer			
Relinquished by (signature)	Date/Time:	Received by (signature)	Relinquished by (signature)	Date/Time:	Received by (signature)

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: background PID-.24 corrected PID-.03
FID-1.87 FID -.04

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(/)DERA ( )OMA ( )Other:

Project No:
Location: M-2 Landfill

Samplers Name / Company: IPSI - JOC

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Analysis Parameters: %SOL	Analysis Parameters:	Analysis Parameters:	Analysis Parameters:	Analysis Parameters:	Analysis Parameters: DID	Analysis Parameters: FID	Comments: Remarks / Preservation Method
5072 15	114H 24-30"	1-5-00	1426	SOIL	2	X	X					-	362	VOA 386 <4°C
16	114H 54-60"	"	1480	"	2	X	X					6.94	1743	" 387 "
17	114H 60-66"	"	1432	"	2	X	X					21.29	2139	" 388 "
18	113H 7-12'	"	1500	"	2	X								
19	114H 7-12'	"	1500	"	2	X								
20	115H 7-12'	"	1330	"	2	X								
21	116H 7-12'	"	1300	"	2	X								
22	117H 7-12'	"	1200	"	2	X								
23	118H 7-12'	"	1130	"	2	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-6-00 0800	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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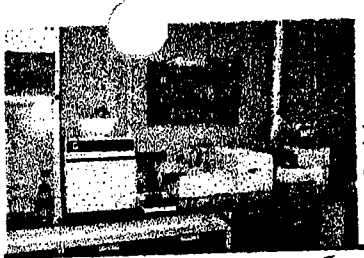

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
( )DERA ( )OMA ( )Other:
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPS1 - Joe

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15	TCL					PID	FID	Remarks / Preservation Method
5075 1	TRIP BLANK	1-6-00	-	METH	1	X								VOO414 <4°C
2	FIELD BLANK	"	0900	AG	1	X								HCL
3	118 54-60"	"	1415	SOIL	2	X	X					23	23	VOO415 <4°C
4	116I 54-60"	"	1420	"	2	X	X					10.14	306	" 416 "
5	113I 54-60"	"	1424	"	2	X	X					.13	12	" 417 "
6	114I 54-60"	"	1428	"	2	X	X					-	7290	" 418 "
7	115I 54-60"	"	1430	"	2	X	X					-	278	" 419 "
8	117I 54-60"	"	1435	"	2	X	X					-	329	" 420 "
9	116I 7-12'	"	1430	AG	2	X								HCL
10	114I 7-12'	"	1410	"	2	X								"
11	115I 7-12'	"	1415	"	2	X								"
12	116I 7-12'	"	1420	"	2	X								"
13	117I 7-12'	"	1425	"	2	X								"
14	113I 7-12'	"	1405	"	2	X								"

Comments: cal IVA 1000

Analysis Parameters: VOA + 15; TCL; PID; FID

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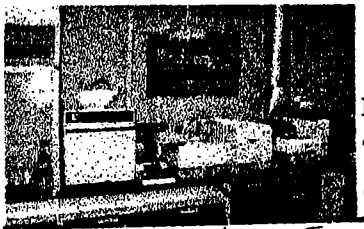
[signature]	1-7-00 0730	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: background PID - .24 corrected PID - .06
FID - 1.91 FID - .04

000044

Coc1/3/00



Fort Monmouth Environmental Testing Laboratory

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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Failon
Phone #: 26223
(✓)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPSI - Joe

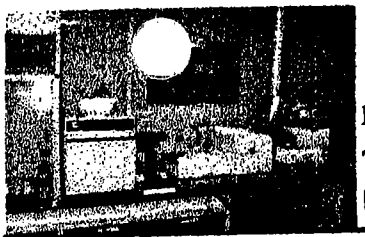
Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15	Analysis Parameters: % S & L	Analysis Parameters: Δ I Δ	Analysis Parameters: F I Δ	Comments: Remarks / Preservation Method
5085.01	TRIP BLANK	1-10-00	–	METH	1	X				VOO433 <4°C
02	67F 24-30"	"	1130	SOIL	2	X	X	51	42	435 "
03	67F 48-54"	"	1132	"	2	X	X	14	37	436 "
04	65F 48-54"	"	1135	"	2	X	X	80	6091	437 "
05	64F 48-54"	"	1140	"	2	X	X	12	603	438 "
06	66F 48-54"	"	1144	"	2	X	X	5	37	439 "
7										

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1-10-00 1420	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: background PID - .08 corrected PID - .07
FID - 1.94 FID - 0

000045



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Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26223
(V)DERA ( )OMA ( )Other:

Project No:
Location: M2 LANDFILL

Samplers Name / Company: JV IPSI - MD

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+10	% SOLID					FID	PID	Remarks / Preservation Method
5091-1	TRIP BLANK	1-11-00	—	METH.	1	X						—	—	VOO443 <4°C
2	FIELD BLANK	"	0900	AQ.	2	X						—	—	HCL
3	68F - 78-84"	"	1305	SOIL	2	X	X					128 PPM	5.09 PPM	VOO445 <4°C
4	69F - 78-84"	"	1315	"	2	X	X					143 PPM	4.01 PPM	VOO446 <4°C
5	64G - 84-90"	"	1330	"	2	X	X					101 PPM	0.98 PPM	VOO447 <4°C
6	65G - 84-90"	"	1340	"	2	X	X					15.05 PPM	1.03 PPM	VOO442 <4°C
7	66G - 80-86"	"	1520	"	2	X	X					18.09	3.03	VOO458 <4°C
8	67G - 78-84"	"	1527	"	2	X	X					22.07	1.04	VOO459 <4°C
9	64F - 7-12'	"	0845	AQ.	2	X								HCL
10	65F - "	"	0830	"	2	X								HCL
11	66F - "	"	0815	"	2	X								HCL
12	67F - "	"	0800	"	2	X								HCL
13	68F - "	"	0900	"	2	X								HCL
14	69F - "	"	0915	"	2	X								HCL

Comments: see 812 same day

Analysis Parameters: VOA+10; % SOLID; FID; PID

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Joe L. Ho	1/12 00 0800				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: all blanks + corrections on 812 COC.

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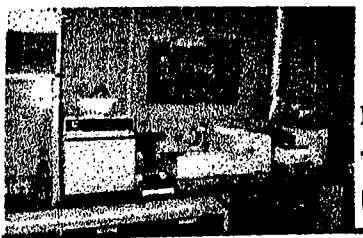

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NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: 26223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 LANDFILL

Samplers Name / Company:

Analysis Parameters

Comments: all 8 12- same day

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA + 10	% SOLID							Remarks / Preservation Method
5991. 15	64G - 7-12'	1-11-00	1230	AQ.	2	X								HCL
16	65G - "	"	1245	"	2	X								"
17	67G - "	"	1400	"	2	X								"
18	68G - "	"	1300	"	2	X								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Joe S. Vaughn	1-12-00 0800				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

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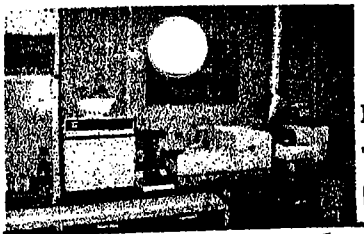

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: 26223
(/)DERA ( )OMA ( )Other:
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPSI - Joe

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Analysis Parameters: %SOL	Analysis Parameters	Analysis Parameters	Analysis Parameters	Analysis Parameters	PID	FID	Comments: Remarks / Preservation Method
5096. 1	TRIP BLANK	1-12-00	-	METH	1	X								V00465 <4°C
2	FIELD BLANK	"	0840	AQ	2	X								HCL
3	C-69 60-66"	"	1116	SOIL	2	X	X					8.63	879	V00466 <4°C
4	C-68 60-66"	"	1118	"	2	X	X					-	965	467 "
5	H-64 ~~30-36~~ 60-66"	"	1121	"	2	X	X					2.0	7602	468 "
6	H-65 60-66"	"	1126	"	2	X	X					-	63	469 "
7	H-66 60-66"	"	1424	"	2	X	X					1.6	8	~~470~~ 485 "
8	H-67 60-66"	"	1429	"	2	X	X					-	37	486 "
9	C-68 7-12'	"	0900	AQ	2	X	X							HCL
10	C-69 7-12'	"	0915	"	2	X	X							"
11	H-64 7-12'	"	1100	"	2	X								"
12	H-65 7-12'	"	1200	"	2	X								"
13	H-66 7-12'	"	1300	"	2	X								"
14	H-67 7-12'	"	1445	"	2	X								"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Joe L. Fallon	1-13-00 0800				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: background PID - .80 corrected PID - .04
FID - 1.94 FID - .20

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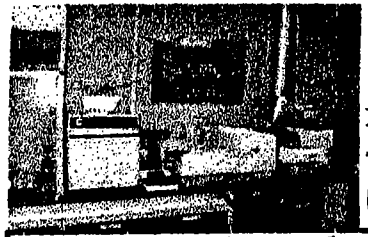

Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: 26223
(/)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2 Landfill
Samplers Name / Company: IPSI - Joe

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	Analysis Parameters: %SOL	Analysis Parameters:	Analysis Parameters:	Analysis Parameters:	Analysis Parameters: PID	Analysis Parameters: FID	Analysis Parameters:	Comments: Remarks / Preservation Method
5102 . 1	TRIP BLANK	1-13-00	-	METH	1	X								VOO492 <4°C
2	FIELD BLANK	"	0900	AQ	2	X								HCL
3	H68 18-24"	"	1136	SOIL	2	X	X				-	234		VOO493 <4°C
4	H68 60-66"	"	1140	"	2	X	X				22	6047		494 "
5	H69 60-66"	"	1145	"	2	X	X				6	2903		495 "
6	H68 7-12'	"	1000	AQ	2	X								HCL
7	H69 7-12'	"	0900	"	2	X								"

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Joe F. Vigus	1/13/00 0410	Holmes			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: background PID - 1.02 corrected PID - .81
FID - .63 FID - .4

00043

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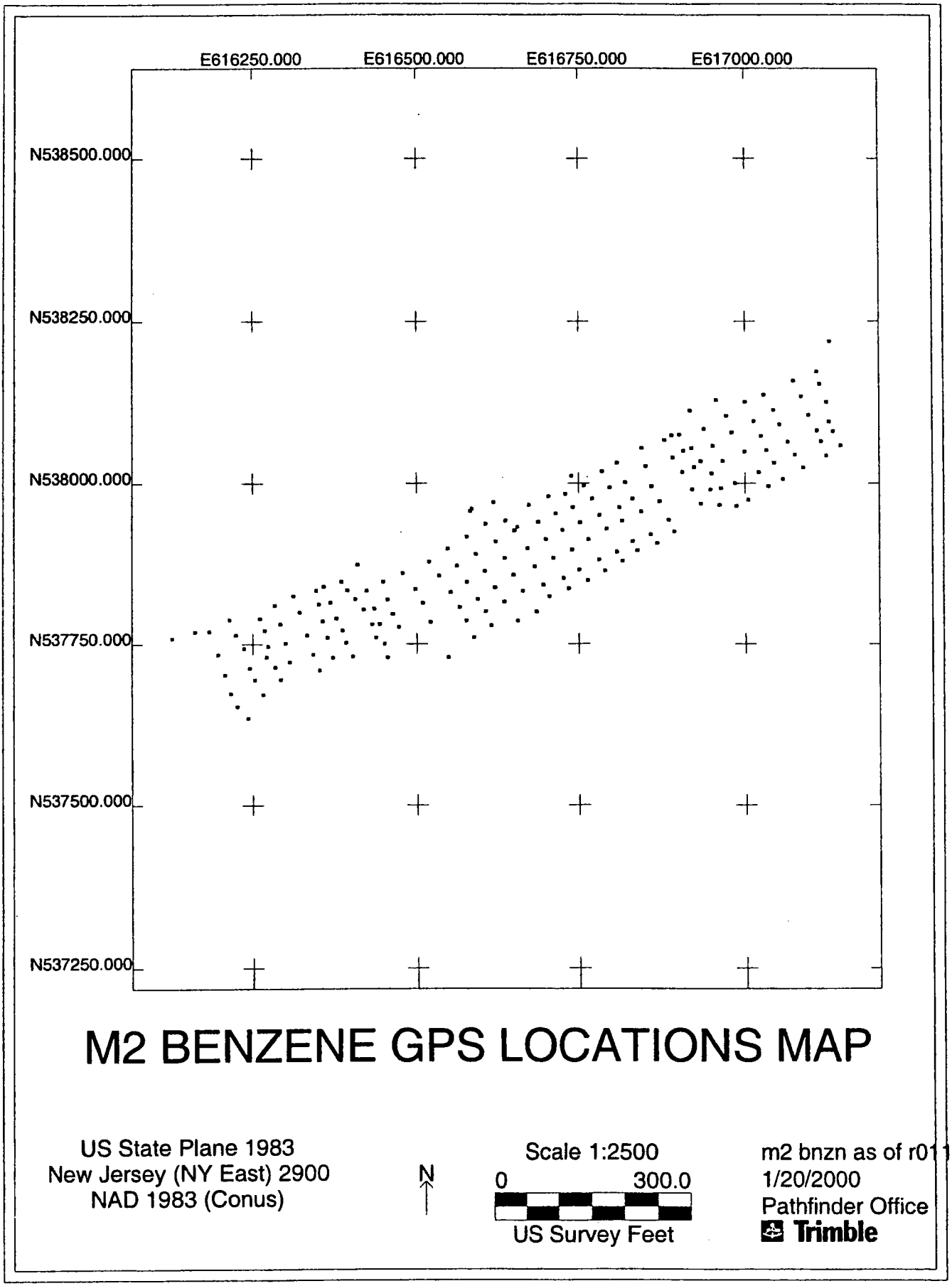
COC.xls 10/99

GPS MAPS



M2 BENZENE GPS LOCATIONS MAP

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:2500
0 300.0
US Survey Feet

m2 bnzn as of r011815.c
1/20/2000
Pathfinder Office
Trimble

000051

M2 LANDFILL BENZENE GPS POSITION & COORDINATES

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
31	537957.082	616581.204
32	537936.76	616604.813
33	537909.171	616620.563
34	537883.621	616634.238
35	537857.165	616647.576
36	537832.386	616662.019
37	537800.592	616683.513
38	537916.693	616576.042
39	537889.98	616589.922
40	537863.161	616603.82
41	537837.49	616619.157
42	537815.644	616632.913
43	537786.314	616654.116
44	537898.238	616546.638
45	537871.861	616560.593
46	537845.874	616575.669
47	537819.739	616592.934
48	537800.837	616604.885
49	537779.096	616613.41
50	537878.329	616517.691
51	537856.326	616533.054
52	537830.503	616550.789
53	537807.424	616565.121
54	537786.728	616575.152
55	537760.446	616586.43
56	537860.312	616477.535
57	537835.606	616496.909
58	537814.16	616508.148
59	537784.535	616519.883
60	537846.93	616447.718
61	537819.081	616454.296
62	537797.061	616462.325
63	537776.862	616471.277
64	537873.806	616408.539
64A	537847.051	616384.329
64B	537839.23	616357.251
64C	537833.075	616345.755
64D	537824.828	616310.831
64E	537810.654	616282.278
64F	537790.083	616260.238
64G	537788.404	616213.853
64H	537770.389	616182.975
65	537832.986	616422.026
65A	537833.839	616393.443
65B	537814.847	616367.145
65C	537811.873	616349.663
65D	537799.694	616320.535
65E	537781.711	616291.026

65F	537771.743	616267.284
65G	537764.874	616223.312
65H	537734.259	616196.662
66	537805.195	616433.604
66A	537819.95	616405.042
66B	537790.081	616376.457
66C	537785.826	616355.641
66D	537764.456	616331.516
66E	537752.007	616298.939
66F	537747.419	616272.218
66G	537743.713	616236.021
66H	537702.878	616207.205
67	537781.293	616442.611
67A	537803.95	616417.305
67B	537771.771	616385.808
67C	537760.611	616362.431
67D	537734.289	616340.752
67E	537722.835	616305.324
67F	537730.53	616270.231
67G	537713.253	616244.667
67H	537674.247	616215.572
68	537751.014	616449.631
68A	537780.643	616430.655
68B	537752.528	616391.37
68C	537729.516	616370.862
68D	537710.254	616350.904
68F	537714.805	616283.502
68G	537695.12	616252.292
68H	537653.434	616225.484
69	537729.708	616454.429
69A	537760.465	616436.594
69B	537731.286	616401.123
69F	537695.456	616291.536
69G	537672.46	616265.145
69H	537635.795	616241.733
70	537970.886	616617.319
71	537941.725	616635.627
72	537926.675	616649.126
73	537898.716	616669.577
74	537870.537	616680.88
75	537842.206	616694.219
76	537823.94	616703.224
77	537966.725	616671.99
78	537939.953	616686.269
79	537913.171	616698.126
80	537883.774	616709.564
81	537852.645	616725.525
82	537836.065	616733.749
83	537980.112	616702.332
84	537953.339	616713.041
85	537927.459	616723.75
86	537897.126	616738.761
87	537865.504	616749.712
88	537848.928	616762.123
89	537983.682	616728.666
90	537963.12	616739.916
91	537939.53	616751.05
92	537912.969	616763.575
93	537880.906	616780.055
94	537863.912	616789.01
95	537997.067	616756.769
96	537976.542	616769.263
97	537950.689	616780.541
98	537929.698	616791.426

99	537893.645	616807.48
100	537879.313	616815.66
101	538018.815	616784.583
102	537993.712	616796.325
103	537963.122	616811.213
104	537942.253	616815.147
105	537910.038	616830.678
106	537895.981	616837.81
107	538031.971	616807.245
108	538002.152	616820.048
109	537976.382	616830.733
110	537956.427	616843.502
111	537920.916	616857.667
112	537907.469	616867.198
113	538055.265	616844.596
113A	538067.77	616878.035
113D	538113.204	616916.367
113E	538129.115	616955.644
113F	538126.682	616999.005
113G	538137.171	617027.835
113H	538158.659	617073.755
113I	538173.186	617110.197
114	538027.154	616850.465
114A	538040.669	616890.207
114B	538074.767	616888.729
114C	538076.255	616900.41
114D	538084.893	616937.36
114E	538104.867	616970.995
114F	538096.673	617012.332
114G	538113.996	617042.612
114H	538134.708	617085.347
114I	538154.058	617114.815
115	537996.126	616858.701
115A	538018.081	616905.045
115B	538051.246	616906.341
115C	538055.454	616918.373
115D	538058.667	616950.624
115E	538079.22	616978.762
115F	538074.204	617023.497
115G	538091.916	617051.767
115H	538105.948	617097.024
115I	538126.214	617125.007
116	537972.566	616870.966
116A	537991.457	616919.639
116B	538025.763	616922.473
116C	538035.118	616932.205
116D	538035.249	616965.198
116E	538049.757	616998.452
116F	538051.885	617031.634
116G	538064.723	617065.052
116H	538081.981	617110.569
116I	538096.106	617128.967
117	537943.618	616883.972
117A	537969.221	616932.246
117B	537990.936	616946.889
117C	538015.894	616948.682
117D	538000.729	616983.877
117E	538017.672	617020.351
117F	538032.317	617043.193
117G	538044.82	617075.663
117H	538065.268	617116.603
117I	538080.965	617135.23
118	537925.474	616892.337
118B	537967.275	616960.468

118C	537993.018	616962.495
118D	537975.159	617003.96
118E	537996.426	617034.519
118F	538007.228	617057.38
118G	538025.115	617088.425
118H	538043.682	617124.581
118I	538059.259	617146.856
119C	537965.289	616986.014

REFERENCE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
MW04	537932.238	616654.037
MW05	537759.326	616127.487
MW08	537960.602	616583.635
MW10	538219.534	617129.991
SEWER MANWAY	538011.876	616737.822
STORM PIPE	537729.953	616547.139
MANHOLE	537769.655	616161.469

BORING LOGS

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B31 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6	4327.02	1	SAND, med. / fine - dk. brown	1300	0 PPM	
12						
18						
24	4327.03	2		1300	0 PPM	
30			SILTY SAND, fine - olive green / brown w/ some wood matl.			
36						
42						
48						
54						
60						

03-03-2000 X:\MTECH5\M2\M2-B031.BOR

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B31 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66			SAND, fine - brown / dk. gray w/ some coal and wood matl.			
72	4328.03	3		1310	0 PPM	METH.
78						
84			Pre- probed - soils unknown			
90						
96			GW Sample from 7 - 10'			
102	4328.04	4		1320	0 PPM	VOA+15
108						
114						
120						

03-03-2000 X:\WTECH5\M2\M2-B031.BOR

000035-3

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B32 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - dk. brown			
12	4327.04	1		1400	0 PPM	
18						
24	4327.05	2		1400	0 PPM	
30			SILTY SAND, fine - olive green / brown w/ some wood matl.			
36						
42						
48						
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B032.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B32 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-8-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
			SAND, fine - brown / dk. gray w/ some coal and wood matl.			
66						
72	4328.05	3		1410	0 PPM	METH.
78						
84			Pre- probed - soils unknown			
90						
			GW Sample from 7 - 10'			
96						
102	4328.06	4		1422	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B032.BOR

000055-5

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B33 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - brown			
	4327.06	1		1500	0 PPM	
12						
18						
24	4327.07	2		1500	0 PPM	
30						
36			SAND, fine - brown / dk. gray			
42			Mixed sands and fill material.			
48						
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B033.BOR

000055-6

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B33 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4328.08	3		1515	0 PPM	METH.
78						
84						
90			Pre probed - soils unknown			
96						
102	4328.09	4	GW Sample from 7 - 10'	1522	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B033.BOR

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B34 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SAND, med. / fine - brown			
12	4331.02	1		1110	0 PPM	
18						
24	4331.03	2		1110	0 PPM	
30						
36			SAND, fine - brown / dk. gray			
42			Mixed sands and fill material.			
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B34 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.03	3		1120	0 PPM	METH.
78						
84						
90			Pre probed - soils unknown			
96						
			GW Sample from 7 - 10'			
102	4332.04	4		1130	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B034.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B35 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SILT and fine sand - brown			
	4331.04	1		1320	0 PPM	
12			SILTY SAND, fine - olive green w/ some cinders			
18						
24	4331.05	2		1320	0 PPM	
30						
36			ASPHALT			
			SILTY SAND, fine - olive green			
42						
48						
			Mixed sands and landfill material (wood, plastic, glass)			
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B035.BOR

000033-10

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B35 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.05	3		1325	100 PPM	METH.
78						
84			Pre probed - soils unknown			
90						
			GW Sample from 7 - 10'			
96						
102	4332.06	4		1345	2 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B035.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B36 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			ORGANIC MATL.			
6			SILT and fine sand - brown			
	4331.06	1		1420	0 PPM	
12			SILTY SAND, fine - olive green w/ some cinders			
18						
24	4331.07	2		1420	0 PPM	
30						
36			ASPHALT			
			SILTY SAND, fine - olive green			
42						
48						
			Mixed sands and landfill material (wood, plastic, glass)			
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B036.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B36 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-9-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.07	3		1425	100 PPM	METH.
78						
84			Pre probed - soils unknown			
90						
96			GW Sample from 7 - 10'			
102	4332.08	4		1430	2 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B036.BOR

OSWC 13-13

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B37 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4331.2	1	SILTY SAND, fine - brown	1508	0 PPM	
12			Woody material			
			CLAYEY SILT, and fine sand - brown / lt. brown			
18						
24	4331.3	2		1508	0 PPM	
30						
36			CLAYEY SILT, dk. gray			
42			Clay w/ some silt - olive green			
48						
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B037.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B37 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4332.09	3		1525	0 PPM	METH.
78			Groundwater sample 7-10'			
84						
90						
96						
102	4332.10	4		1535	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B38 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4335.06	1	SILTY SAND, fine - brown	1255	0 PPM	
12			SAND, fine - black / brown			
18			CLAYEY SILT, black			
24	4335.07	2	SAND, med. / fine - black / olive green	1255	0 PPM	
30						
36			SAND, med. / fine - w/ cinders - black / olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B38 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4334.04	3		1040	0 PPM	METH.
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.05	4		1118	0 PPM	VOA+15
108						
114						
120						

03-03-2000 X:\MTECH5\M2\M2-B038.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B39 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4335.06	1	SILTY SAND, fine - brown	1255	0 PPM	
12			SAND, fine - black / brown			
18			CLAYEY SILT, black			
24	4335.07	2	SAND, med. / fine - black / olive green	1255	0 PPM	
30						
36			SAND, med. / fine - w/ cinders - black / olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B39 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4334.05	3		1118	0 PPM	METH.
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.06	4		1127	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B40 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic matl.			
6	4335.06	1	SILTY SAND, fine - brown	1255	0 PPM	
12			SAND, fine - black / brown			
18			CLAYEY SILT, black			
24	4335.07	2	SAND, med. / fine - black / olive green	1255	0 PPM	
30						
36			SAND, med. / fine - w/ cinders - black / olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B40 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J. .
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.07	3		1300	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.08	4		1313	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B41 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4335.08	1		1400	0 PPM	
18						
24	4335.09	2		1400	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B41 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
			Groundwater Sample 7- 10'			
66						
72	4334.09	3		1415	0 PPM	METH.
78						
84						
90						
96						
102	4334.10	4		1420	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B42 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4335.10	1		1500	0 PPM	
18						
24	4335.11	2		1500	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B42 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-10-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4334.11	3		1510	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4334.12	4		1515	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B042.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B43 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4340.02	1		1020	0 PPM	
18						
24	4340.03	2		1020	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B43 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4339.03	3		1040	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4339.04	4		1140	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B44 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and silts w/ coal and cinder matl.			
12	4340.04	1		1125	0 PPM	
18						
24	4340.05	2		1125	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B44 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-11-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4339.05	3		1130	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4339.06	4		1145	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B45 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and landfill matl. - cinders, glass, plastic			
12	4349.02	1		1110	0 PPM	
18						
24	4349.03	2		1110	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B45 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.03	3		1115	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4350.04	4		1122	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B46 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILT and fine sand - brown			
12	4349.04	1		1145	0 PPM	
18						
24	4349.05	2		1145	0 PPM	
30						
36						
42			SAND, fine - brown			
48			SAND, med. / fine - w/ cement, cinders, glass			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B46 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.05	3		1150	0 PPM	METH.
78						
84			Groundwater Sample 7- 10'			
90						
96						
102	4350.06	4		1200	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B47 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.06	1	SILTY SAND, fine - brown / olive green	1320	0 PPM	
12						
18			SAND, fine - tan w/ < 3% small rnd. gravels			
24	4349.07	2		1320	0 PPM	
30			Mixed sands w/ cinders, coal, and brick matl.			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B47 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.07	3	CLAYEY SILT, - olive green	1325	0 PPM	METH.
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4350.08	4		1400	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B047.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B48 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4349.08	1	SILTY SAND, fine - brown / olive green	1350	0 PPM	
12						
18			SAND, fine - tan w/ < 3% small rnd. gravels			
24	4349.09	2		1350	0 PPM	
30			Mixed sands w/ cinders, coal, and brick matl.			
36						
42						
48						
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B048.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B48 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4350.09	3	CLAYEY SILT, - olive green	1355	0 PPM	METH.
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4350.10	4		1410	0 PPM	VOA+15
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B048.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B49 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SAND, fine - brown			
12	4356.2	1		0939	0 PPM	
18						
24	4356.3	2		0939	0 PPM	
30						
36						
42			SAND, med. / fine - w/ some cement and cinders			
48						
54						
60						

02-25-2000 X:\MTECH5\M2\M2-B049.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B49 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.03	3		0943	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.04	4		0947	0 PPM	VOA+15
102						
108						
114						
120						

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02-25-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B50 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4356.04	1	SILTY SAND, fine - brown w/ < 1% small rnd. gravels	1025	0 PPM	
12						
18						
24	4356.05	2		1025	0 PPM	
30						
36						
42			SAND, med. / fine - brown / black / tan w/ small rnd. gravels and cinder matl.			
48			SAND, med. / fine - tan w/ < 2% small rnd. gravels			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B50 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 3-17-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.05	3		1030	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.06	4		1040	0 PPM	VOA+15
102						
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B050.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B51 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4356.6	1	SILTY SAND, fine - brown	1115	0 PPM	
12						
18						
24	4356.7	2		1115	0 PPM	
30						
36						
42			SAND, med. / fine - tan - w/ some small md. gravels□			
48			Mixed sands and fill material - plastic, wood, glass and wallboard			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B51 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.07	3		1120	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.18	4		1125	0 PPM	VOA+15
102						
108						
114						
120						

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02-25-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B52 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands, med. / fine - and silts w/ some clay - brown / olive green.			
	4356.08	1		1140	0 PPM	
12						
18						
24	4356.09	2		1140	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B52 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.09	3		1145	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.10	4		1200	0 PPM	VOA+15
102						
108						
114						
120						

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02-25-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B53 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown			
	4356.10	1		1338	0 PPM	
12						
18			SAND, fine - black / olive green			
24	4356.11	2		1338	0 PPM	
30			Mixed sands and asphalt material			
36						
42						
48			SAND, med. / fine - tan / olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B53 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.11	3		1345	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.12	4		1350	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B54 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown.			
	4356.12	1		1415	0 PPM	
12			SAND, med. / fine - tan / brown / black.			
18						
24	4356.13	2	Mixed sands and asphalt matl. w/ petroleum odor.	1415	0 PPM	
30			SAND, med. / fine - tan / olive green			
36						
			SAND, fine - lt. olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B54 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.13	3		1420	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.14	4		1425	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B55 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown.			
	4356.14	1		1505	0 PPM	
12			SAND, med. / fine - tan / brown / black.			
18						
24	4356.15	2	Mixed sands and asphalt matl. w/ petroleum odor.	1505	0 PPM	
30			SAND, med. / fine - tan / olive green			
36						
			SAND, fine - lt. olive green			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B55 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-17-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4355.15	3		1510	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4355.16	4		1520	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B56 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4359.2	1	SILTY SAND, fine - brown	1040	0 PPM	
12			Mixed sands and cinder material.			
18			SAND, fine / med. - gray / black / tan / brown			
24	4359.3	2		1040	0 PPM	
30						
36						
42			Mixed sands and landfill debris - glass, cinders, paper material.			
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B56 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66			Mixed sands and landfill debris -			
72	4358.03	3		1050	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.04	4		1055	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B57 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4359.4	1	SILTY SAND, fine - brown	1130	0 PPM	
12						
18			Mixed sands and cinder material			
24	4359.5	2	SAND, med. / fine - tan / dk. gray	1130	0 PPM	
30						
36						
42						
48			SILTY SAND, fine - and coal frags. - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B57 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
			SILTY SAND, fine - and coal frags. - olive green / brown			
72	4358.05	3		1140	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.06	4		1145	4 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B58 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4359.6	1	SILTY SAND, fine - brown	1420	0 PPM	
12						
18			Mixed sands and cinder material			
24	4359.7	2	SAND, med. / fine - tan / dk. gray	1420	0 PPM	
30						
36						
42						
48			SILTY SAND, fine - and coal frags. - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B58 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
			SILTY SAND, fine - and coal frags. - olive green / brown			
72	4358.07	3		1425	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.08	4		1455	0 PPM	VOA+15
102						
108						
114						
120						

02-25-2000 X:\MTECH5\M2\M2-B058.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4359.8	1	SILTY SAND, fine - brown	1510	0 PPM	
12						
18						
24	4359.9	2		1510	0 PPM	
30			SAND, med. / fine - black / olive green w/ some cinders			
36			CLAYEY SILT, olive green			
42						
48			Mixed sands and silts - black / brown - w/ some cement debris			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-18-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4358.07	3		1520	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4358.08	4		1528	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59A [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4367.2	1	SILTY SAND, fine - brown	0945	0 PPM	
12						
18						
24	4367.3	2		0945	0 PPM	
30			SAND, med. / fine - black / olive green w/ some cinders			
36			CLAYEY SILT, olive green			
42						
48			Mixed sands and silts - black / brown - w/ some cement debris			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B59A [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.03	3		0953	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.04	4		1003	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B60 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SILTY SAND, fine - brown			
6	4367.4	1		1030	5 PPM	
12						
			COAL material			
18			SAND, fine - tan / brown			
24	4367.5	2		1030	0 PPM	
			CLAYEY SILT, olive green / black - with some coal material			
30						
36			Roofing shingles			
			Mixed sands and landfill debris. (Wood, plastic, coal)			
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B60 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.05	3		1035	4 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.06	4		1040	4 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B61 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and landfill material			
6	4367.6	1		1115	0 PPM	
12						
18						
24	4367.7	2		1115	4 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B61 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4368.07	3		1120	0 PPM	METH.
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.08	4		1125	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B62 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and landfill material			
6	4367.8	1		1146	0 PPM	
12						
18						
24	4367.9	2		1146	0 PPM	
30						
36						
	4368.09	3		1155	15 PPM	METH.
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B62 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90			HEAVY PETROLEUM ODOR IN SOILS			
96	4368.10	4	ODOR AND SHEEN IN WATER	1200	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B63 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			Mixed sands and `landfill matl.			
6	4367.10	1		1330	3 PPM	
12						
18						
24	4367.11	2		1330	0 PPM	
30						
36						
	4368.11	3		1340	0 PPM	METH.
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B63 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.12	4		1345	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4367.12	1	SAND and silt - fine - brown	1420	3 PPM	
12			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
18						
24	4367.13	2		1420	0 PPM	
30						
36						
	4368.13	3		1425	0 PPM	METH.
42			NO RECOVERY - POSSIBLE CEMENT MATL. 50"+			
48						
54						
60						

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M2-B64 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.14	4		1438	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - brown			
10						
20						
			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
30						
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4912.03	1		1020	0 PPM	10
			Groundwater Sample 6.5 - 9.5'			
100						
110	4912.04	2		1035	0 PPM	100
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - brown			
10						
20						
			CLAYEY SILT - dk. brown - w/ cinders			
30						
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4915.03	1		0948	0 PPM	0 PPM
			GROUNDWATER SAMPLE 8-11'			
100						
110	4915.04	2		1005	0 PPM	0 PPM
120						
130						

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03-04-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-03-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
6			SAND and silt - med. / fine - brown			
12						
18						
24			CLAYEY SILT - dk. brown - w/ cinders			
30						
36						
42			SILTY CLAY, dk. brown / black w/ some cinders			
48						
54						
60						
66						
72						
78						
84						
90						
96	4979.07	1	GROUNDWATER SAMPLE 8.5 - 11.5'	1130	0.96	6.52
102						
108						
114						
120	4979.08	2		1145	0 PPM	0 PPM
126						
132						
138						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 12-06-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND - med. / fine - brown / dk. brown			
20						
30			CLAYEY SILT - dk. brown - w/ cinders			
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4990.03	1		1140	0 PPM	0 PPM
100						
110						
120						
130	4990.04	2		1155	0 PPM	0 PPM
140						
150						
160						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-07-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - med. / fine - - brown / dk. brown			
20						
30						
40			CLAYEY SILT - dk. brown - w/ cinders and glass			
50			SILTY CLAY, dk. brown / black w/ some cinders			
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4995.05	1		0900	1.21	3.62
100						
110						
120						
130	4995.06	2		0915	0 PPM	0 PPM
140						
150						
160						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-10/11-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
10						
20						
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS and wood debris w/ some silty clay - black			
50	5085.05	1	GROUNDWATER SAMPLE 7-12'	1140	12	603
60						
70						
80						
90						
100						
110	5091.09	2		0845	0 PPM	0 PPM
120						
130						
140						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - fine - brown			
20						
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS and wood debris w/ some silty clay - black			
50			GROUNDWATER SAMPLE 7-12'			
60						
70						
80						
90	5091.05	1		1330	0.98	101
100						
110	5091.15	2		1230	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B64 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID		
0			Organic Matl.					
			SANDY SILT, - fine - brown w/ some leaf matl.					
10								
20								
30			SAND, with some silt and cinders - fine - brown					
40			CLAYEY SILT, fine - brown w/ some root and leaf material					
50								
			GROUNDWATER SAMPLE 7-12'					
60	5096.05	1		1121	2.0	7602		
70								
80								
90								
100								
110	5096.11	2		1100	0 PPM	0 PPM		
120								
130								
140								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and fill material			
	4367.14	1		1500	0 PPM	
12						
18						
24	4367.15	2		1500	0 PPM	
30						
36						
	4368.15	3		1505	0 PPM	METH.
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-23-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 6.5 - 9.5'			
90						
96	4368.16	4		1510	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND and silt - med. / fine - - brown			
30			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
40			SILTY CLAY, dk. brown / black w/ some cinders			
90	4912.05	1		1115	0 PPM	0 PPM
100			GROUNDWATER SAMPLE 8 - 11'			
110	4912.06	2		1130	0 PPM	0 PPM
130						

03-03-2000 X:\WTECH5\M2\M2-B065A.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND and silt - med. / fine - - brown			
30			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
40			SILTY CLAY, dk. brown / black w/ some cinders			
90	4915.05	1		1030	0 PPM	0 PPM
100			GROUNDWATER SAMPLE 8 - 11'			
110	4915.06	2		1040	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-03-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
6			SAND and silt - med. / fine - - brown			
12						
18						
24			CLAYEY SILT - dk. brown - w/ cinders			
30						
36						
42			SILTY CLAY, dk. brown / black w/ some cinders			
48						
54						
60						
66						
72						
78						
84						
90						
96	4979.09	1	GROUNDWATER SAMPLE 8.5 - 11.5'	1300	1.97	4.07
102						
108						
114						
120	4979.10	2		1310	0 PPM	0 PPM
126						
132						
138						

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FORT MONMOUTH
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LOG OF BORING M2-B65 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-06-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND - med. / fine - brown / dk. brown			
30			CLAYEY SILT - dk. brown - w/ cinders			
40			SILTY CLAY, dk. brown / black w/ some cinders			
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4990.05	1		1300	0 PPM	0 PPM
130	4990.06	2		1315	0 PPM	0 PPM

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LOG OF BORING M2-B65 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-07-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - med. / fine - - brown / dk. brown			
20						
30						
40			CLAYEY SILT, - dk. brown - w/ cinders and glass			
50			SILTY CLAY, dk. brown / black w/ some cinders			
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4995.07	1		0940	0.98	1.01
100						
110						
120						
130	4995.08	2		0954	0 PPM	0 PPM
140						
150						
160						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B65 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-10/11-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS and wood debris w/ some silty clay - black			
50	5085.04	1	GROUNDWATER SAMPLE 7-12'	1135	80	6091
110	5091.10	2		0830	0 PPM	0 PPM
140						

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LOG OF BORING M2-B65 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - med. / fine - brown			
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS and wood debris w/ some silty clay - olive green			
50			GROUNDWATER SAMPLE 7-12'			
80	5091.06	1		1340	1.03	15.05
110	5091.16	2		1245	0 PPM	0 PPM
140						

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SELFM-PW-EV

LOG OF BORING M2-B65 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 1-12-00
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, , - fine - brown w/ some leaf matl.			
30			SAND, with some silt and cinders - fine - brown			
40			CLAYEY SILT, fine - brown w/ some root and leaf material			
60	5096.05	1	GROUNDWATER SAMPLE 7-12'	1121	2.0	7602
110	5096.11	2		1100	0 PPM	0 PPM
140						

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M2-B66 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			Mixed sands and fill material			
	4380.2	1		0940	0 PPM	
12						
18						
24	4380.3	2		0940	0 PPM	
30						
36						
42						
48						
54						
60						

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U.S.ARMY
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LOG OF BORING M2-B66 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.03	3		0950	0 PPM	METH.
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.04	4		1015	0 PPM	VOA+15
108						
114						
120						

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SELFM-PW-EV

LOG OF BORING M2-B66 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - - brown			
10						
20			CLAYEY SILT loam (org.) - dk. brown - w/ cinder and plastic material			
30						
40						
50			CLAYEY SILT, , dk. brown w/ some cinders			
60						
70						
80						
90	4912.07	1		1315	0 PPM	0 PPM
			GROUNDWATER SAMPLE 8 - 11'			
100						
110	4912.08	2		1330	0 PPM	0 PPM
120						
130						

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LOG OF BORING M2-B66 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND and silt - med. / fine - - brown			
20						
30			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4915.07	1		1110	0 PPM	0 PPM
100			GROUNDWATER SAMPLE 8 - 11'			
110	4915.08	2		1115	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M2-B66 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-03-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
6			SAND and silt - med. / fine - - brown			
12						
18						
24			CLAYEY SILT - dk. brown - w/ cinders			
30						
36						
42			SILTY CLAY, dk. brown / black w/ some cinders			
48						
54						
60						
66						
72						
78						
84						
90						
96	4979.11	1	GROUNDWATER SAMPLE 8.5 - 11.5'	1320	2.12	7.92
102						
108						
114						
120	4979.12	2		1330	0 PPM	0 PPM
126						
132						
138						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B66 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 12-06-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND - med. / fine - brown / dk. brown			
20						
30			CLAYEY SILT - dk. brown - w/ cinders			
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
100	4990.07	1		1330	0 PPM	0 PPM
110						
120						
130	4990.08	2		1350	0 PPM	0 PPM
140						
150						
160						

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LOG OF BORING M2-B66 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-07-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - med. / fine - - brown / dk. brown			
20						
30						
40			SANDY SILT, - dk. brown - w/ cinders			
50			SILTY CLAY, black w/ some cinders			
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
100	4995.09	1		1025	0.71	1.22
110						
120						
130	4995.10	2		1040	0 PPM	0 PPM
140						
150						
160						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B66 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-10/11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
30			SAND, fine / med. - brown w/ some cinders and cement			
40			CINDERS w/ some silty clay - black			
50	5085.06	1	GROUNDWATER SAMPLE 7-12'	1144	5	37
110	5091.11	2		0815	0 PPM	0 PPM
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B66 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS w/ some silty clay - black			
50			GROUNDWATER SAMPLE 7-12'			
80	5091.07	1		1300	3.03	18.09
110	5091.18	2		1520	0 PPM	0 PPM

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SELFM-PW-EV

LOG OF BORING M2-B66 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, , - fine - brown w/ some leaf matl.			
30			SAND, with some silt and cinders - fine - brown			
40			CLAYEY SILT, fine - brown w/ some root and leaf material			
60			GROUNDWATER SAMPLE 7-12'			
	5096.07	1		1424	1.6	8
110	5096.13	2		1300	0 PPM	0 PPM
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4380.4	1	SILTY SAND, fine - brown (cinder material @ 45 - 48")	1055	0 PPM	
12						
18						
24	4380.5	2		1055	0 PPM	
30						
36						
42						
48			NO RECOVERY 48 - 96"			
54						
60						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M2-B67 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.05	3		1100	0 PPM	METH.
84						
90						
96			Groundwater Sample 7 - 10'			
102	4381.06	4		1115	0 PPM	VOA+15
108						
114						
120						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND and silt - med. / fine - - brown			
20			CLAYEY SILT loam (org.) - dk. brown - w/ cinder and plastic material			
30						
40			CLAYEY SILT, , dk. brown w/ some cinders			
50						
60						
70						
80						
90	4912.09	1	GROUNDWATER SAMPLE 8 - 11'	1350	0 PPM	0 PPM
100						
110	4912.10	2		1405	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-4-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - - brown			
10						
20						
			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
30						
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4915.09	1		1330	0 PPM	0 PPM
			GROUNDWATER SAMPLE 8 - 11'			
100						
110	4915.10	2		1340	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-03-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
6			SAND and silt - med. / fine - - brown			
12						
18						
24			CLAYEY SILT - dk. brown - w/ cinders			
30						
36						
42			SILTY CLAY, dk. brown / black w/ some cinders			
48						
54						
60						
66						
72						
78						
84						
90						
96	4979.13	1	GROUNDWATER SAMPLE 8.5 - 11.5'	1400	1.13	8.72
102						
108						
114						
120	4979.14	2		1415	0 PPM	0 PPM
126						
132						
138						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-06-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND - med. / fine - brown / dk. brown			
20						
30			CLAYEY SILT, dk. brown - w/ cinders			
40			CLAYEY SILT, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4990.09	1		1405	0 PPM	0 PPM
100						
110						
120						
130	4990.10	2		1420	0 PPM	0 PPM
140						
150						
160						

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U.S.ARMY
FORT MONMOUTH
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LOG OF BORING M2-B67 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-07-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - med. / fine - - dk. brown			
20						
30						
40			CLAYEY SILT, , - dk. brown - w/ cinders			
50			CLAYEY SILT, black w/ some cinders			
60						
70						
80						
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4995.11	1		1110	0.19	2.31
100						
110						
120						
130	4995.12	2		1130	0 PPM	0 PPM
140						
150						
160						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-10/11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
10						
20						
	5085.02	1		1130	0.51	42
30			SAND, fine / med. - brown w/ some cinders and cement			
40			CINDERS w/ some silty clay - black			
	5085.03	2		1132	14	37
50			GROUNDWATER SAMPLE 7-12'			
60						
70						
80						
90						
100						
110	5091.12	3		0800	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - fine - brown			
30			SAND, fine / med. - brown w/ some cinders			
40			CINDERS w/ some silty clay - lt. olive green / brown			
50			GROUNDWATER SAMPLE 7-12'			
80	5091.08	1			1.04	2207
110	5091.17	2			0 PPM	0 PPM
140						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B67 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, , - fine - brown w/ some leaf matl.			
30			SAND, with some silt and cinders - fine - brown			
40			CLAYEY SILT, fine - brown w/ some root and leaf material			
60	5096.08	1	GROUNDWATER SAMPLE 7-12'	1429	0 PPM	37
110	5096.14	2		1445	0 PPM	0 PPM
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			Mixed sands and fill material			
	4380.6	1		1145	0 PPM	
12						
18						
24	4380.7	2		1145	0 PPM	
30						
36						
42						
48	4381.07	3		1150	0 PPM	METH.
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.08	4		1200	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SAND and silt - med. / fine - - brown			
20			CLAYEY SILT loam (org.) - dk. brown - w/ cinder and plastic material			
30						
40			CLAYEY SILT, , dk. brown w/ some cinders			
50						
60						
70						
80						
90	4912.11	1	GROUNDWATER SAMPLE 8 - 11'	1415	0 PPM	10
100						
110	4912.12	2		1430	0 PPM	0 PPM
120						
130						

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U.S.ARMY
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LOG OF BORING M2-B68 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - - brown			
10						
20						
			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
30						
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4915.11	1		1415	0 PPM	100
			GROUNDWATER SAMPLE 8 - 11'			
100						
110	4915.12	2		1430	0 PPM	0 PPM
120						
130						

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03-03-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-03-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
6			SAND and silt - med. / fine - - brown			
12						
18						
24			CLAYEY SILT - dk. brown - w/ cinders			
30						
36						
42			SILTY CLAY, dk. brown / black w/ some cinders			
48						
54						
60						
66						
72						
78						
84						
90						
96	4979.15	1	GROUNDWATER SAMPLE 8.5 - 11.5'	1430	0.07	0.89
102						
108						
114						
120	4979.16	2		1440	0 PPM	0 PPM
126						
132						
138						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-07-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND - med. / fine - brown / dk. brown			
30			CLAYEY SILT, dk. brown - w/ cinders			
40			CLAYEY SILT, dk. brown / black w/ some cinders			
90			GROUNDWATER SAMPLE 8.5 - 13.5'			
	4995.03	1		0830	0.19	1.06
130	4995.04	2		0840	0 PPM	0 PPM

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03-04-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-10/11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
10						
20						
30			SAND, fine - brown w/ some cinders and			
			CINDERS w/ some silty clay - black			
40						
50			GROUNDWATER SAMPLE 7-12'			
60						
70						
80	5091.03	1		1305	5.09	128
90						
100						
110	5091.13	2		0900	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, - fine - brown			
10						
20						
30			SAND, fine - brown w/ some cinders			
40			CINDERS w/ some silty clay - brown			
50			GROUNDWATER SAMPLE 7-12'			
60	5096.04	1		1118	0 PPM	965
70						
80						
90						
100						
110	5096.09	2		0900	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B68 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, , - fine - brown w/ some leaf matl.			
20	5102.02	1		1136	0 PPM	0 PPM
30			SAND, with some silt and cinders - fine - brown			
40			CLAYEY SILT, fine - brown w/ some root and leaf material			
50						
			GROUNDWATER SAMPLE 7-12'			
60	5102.03	2		1140	0 PPM	234
70						
80						
90						
100						
110	5102.06	3		1000	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4380.8	1	SILTY SAND, fine - brown	1330	0 PPM	
12						
18						
24	4380.9	2		1330	0 PPM	
30			CINDERS and sands			
36			CLAYEY SILT, and fine sand - olive green			
42						
48	4381.09	3	CLAYEY SILT, fine - olive green	1340	0 PPM	METH.
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78						
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.10	4		1348	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-3-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID		
0			Organic Matl.					
			SAND and silt - fine - - brown					
10								
20			SILTY CLAY, loam (org.) - dk. brown - w/ cinders					
30								
40			CLAYEY SILT, , dk. brown / black - w/ some cinders					
50								
60								
70								
80								
90	4912.13	1		1448	0 PPM	10		
100			GROUNDWATER SAMPLE 8 - 11'					
110	4912.14	2		1500	0 PPM	0 PPM		
120								
130								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SAND and silt - med. / fine - - brown			
10						
20						
			CLAYEY SILT loam (org.) - dk. brown - w/ cinder, glass and plastic material			
30						
40			SILTY CLAY, dk. brown / black w/ some cinders			
50						
60						
70						
80						
90	4915.13	1		1450	0 PPM	0 PPM
			GROUNDWATER SAMPLE 8 - 11'			
100						
110	4915.14	2		1500	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-11-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - fine - brown			
30			SAND, fine - brown w/ some cinders and			
40			CINDERS w/ some silty clay - black			
50			GROUNDWATER SAMPLE 7-12'			
80	5091.04	1		1315	4.01	143
110	5091.14	2		0915	0 PPM	0 PPM
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
10			SANDY SILT, - fine - brown			
30			SAND, fine - brown w/ some cinders			
40			CINDERS w/ some silty clay - brown			
50			GROUNDWATER SAMPLE 7-12'			
60	5096.03	1		1116	8.63	879
70						
80						
90						
100						
110	5096.10	2		0915	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B69 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-12-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic Matl.			
			SANDY SILT, , - fine - brown w/ some leaf matl.			
30			SAND, with some silt and cinders - fine - brown			
40			CLAYEY SILT, fine - brown w/ some root and leaf material			
			GROUNDWATER SAMPLE 7-12'			
60	5102.05	1		1145	6	2903
110	5102.07	2		0900	0 PPM	0 PPM
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B70 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SILTY SAND, fine - brown			
12	4380.10	1		1500	0 PPM	
18						
24	4380.11	2		1500	0 PPM	
30			CINDERS and sands			
36			CLAYEY SILT, and fine sand - olive green			
42						
48			CLAYEY SILT, fine - olive green			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B70 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 3-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4381.11	3		1505	0 PPM	METH.
84			Groundwater Sample 7 - 10'			
90						
96						
102	4381.12	4		1510	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B71 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4395.2	1	SILTY SAND, fine - brown	1100	0 PPM	
18			COAL and mixed sands - black			
24	4395.3	2	SAND, fine / med. - olive green / tan	1100	0 PPM	
42			SILTY SAND, fine - black / brown			
48			CEMENT			
54			Mixed sands and landfill material, paper, plastic.			
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B71 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4396.03	3		1108	0 PPM	METH.
78						
84			Groundwater sample 6.5 - 9.5"			
90						
96	4396.04	4		1130	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B72 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl. SILTY SAND, fine - brown			
6			CINDER material			
	4395.4	1		1328	0 PPM	
12						
18						
			Mixed sand and silts - olive green / dk. gray			
24	4395.5	2		1328	0 PPM	
			CEMENT			
30			Mixed sands and clayey silt - black / dk. brown w/ cement and newspaper debris			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B72 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66	4396.05	3		1335	100 PPM	METH.
72						
78						
84			Groundwater sample 6 - 9'			
90	4396.06	4		1340	0 PPM	VOA+15
96						
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B73 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4395.6	1	SILTY SAND, fine - brown	1420	0 PPM	
12						
18						
24	4395.7	2		1420	0 PPM	
			CEMENT			
30			SILTY SAND, fine - olive green w/ plastic, glass and coal			
36						
42						
48						
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B73 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61			Mixed sands and fill material - plastic, glass, coal and newspaper			
67	4396.07	3		1425	100 PPM	METH.
73						
79						
85			Groundwater sample 6 - 9'			
91	4396.08	4		1430	0 PPM	VOA+15
97						
103						
109						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B74 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SANDY SILT, fine - brown			
6	4406.2	1		0920	0 PPM	
			SILTY SAND, fine - brown			
12			Mixed sands and coal material			
			SILTY CLAY, olive green			
18			CEMENT			
			Mixed sand and silt w/ coal and asphalt			
24	4406.3	2		0920	0 PPM	
30						
36						
42						
48			Mixed sand w/ plastic, cement and coal material			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B74 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4407.03	3		0930	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4407.04	4		0950	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B75 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6			SANDY SILT, fine - brown			
	4406.4	1		1040	0 PPM	
12			SILTY SAND, fine - brown			
			Mixed sands and coal material			
			SILTY CLAY, olive green			
18			CEMENT			
			Mixed sand and silt w/ coal and asphalt			
24	4406.5	2		1040	0 PPM	
30						
36						
42						
48			Mixed sand w/ plastic, cement and coal material			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B75 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72	4407.05	3		1050	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4407.06	4		1120	0 PPM	VOA+15
102						
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B76 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
			SANDY SILT, med. / fine - orange / brown			
6	4406.6	1		1400	0 PPM	
12						
18						
			Peat material			
			SAND and silt - fine - olive green			
24	4406.7	2		1400	0 PPM	
30						
36						
			SAND and silt - fine - olive green w/ coal frags., and some iron stained fine sands			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B76 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-9-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
43						
	4407.07	3	Groundwater sample from 4 - 7'	1410	0 PPM	METH.
49						
55						
61						
	4407.08	4		1420	0 PPM	VOA+15
67						
73						
79						
85						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B77 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4415.2	1	SILTY SAND, fine - brown	1015	0 PPM	
12			SAND, and silt - fine - brown			
18						
24	4415.3	2		1015	0 PPM	
30			SAND, med. / fine - tan Mixed sands w/ coal, leaf and cement material			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B77 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4414.03	3		1030	5 PPM	METH.
84			Groundwater sample from 7 - 10'			
90						
96						
102	4414.04	4		1040	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B78 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4415.4	1	SILTY SAND, fine - brown	1120	0 PPM	
12			SAND, and silt - fine - brown			
18						
24	4415.5	2		1120	0 PPM	
			SAND, med. / fine - tan w/ cement debris 29-32".			
30			Mixed sands w/ coal, leaf and cement material			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B78 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Matl.			
6	4415.4	1	SILTY SAND, fine - brown	1120	0 PPM	
12			SAND, and silt - fine - brown			
18						
24	4415.5	2		1120	0 PPM	
30			SAND, med. / fine - tan w/ cement debris 29-32". Mixed sands w/ coal, leaf and cement material			
36						
42						
48						
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B78 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-13-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4414.05	3		1125	0 PPM	METH.
84			Groundwater sample from 7 - 10'			
90						
96						
102	4414.06	4		1130	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B79 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0						
6	4415.6	1	Loamy organic material w/ sands - fine / med. - brown	1400	0 PPM	
12						
18			SANDY SILT, fine - brown			
24	4415.7	2		1400	0 PPM	
30			SAND, fine / med. - brown			
36			Mixed sands and coal material			
42	4414.07	3		1415	30 PPM	METH.
48			CINDERS			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B79 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
50			Groundwater sample from 5 - 8'			
56						
62						
68						
74						
	4414.08	4		1420	0 PPM	VOA+15
80						
86						
92						
98						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B80 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SAND, med. / fine - tan - saturated w/ water			
6	4415.8	1	SAND, fine / med. - brown w/ wood material	1500	0 PPM	
18			SAND, fine / med. - brown w/ some rnd. gravels			
24	4415.9	2		1500	0 PPM	
30			SILTY CLAY, and fine sands - dk. olive green / black w/ some cinders			
36						
42						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B80 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-13-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
50			SILTY CLAY, and fine sands - dk. olive green / black w/ some cinders, coal and cement			
	4414.09	3		1510	30 PPM	METH.
56						
62						
68						
74						
	4414.10	4		1515	0 PPM	VOA+15
80						
			Groundwater sample from 5 - 8'			
86						
92						
98						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B81 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Mixed sands - med. / fine - black / gray / dk. olive green			
6	4418.2	1		1030	0 PPM	
12						
18						
24	4418.3	2		1030	0 PPM	
30						
36						
42						
48			NO RECOVERY — 3 ATTEMPTS			
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B81 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61						
67	4417.03	3		1035	0 PPM	METH.
73						
79						
85			Groundwater sample from 6 - 9'			
91	4417.04	4		1040	0 PPM	VOA+15
97						
103						
109						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B82 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4418.4	1	SAND, fine / med. - tan / brown	1130	0 PPM	
12			SAND, fine - w/ some organic material - brown			
18			Leaf and wood material			
24	4418.5	2	SANDY SILT, fine - w/ <3% coal frags	1130	0 PPM	
30						
36						
42			CLAYEY SILT, and fine sand - dk. olive green / black			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B82 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
	4417.05	3		1140	14 PPM	METH.
48			Groundwater sample from 4 - 7'			
54						
60						
66	4417.06	4		1045	0 PPM	VOA+15
72						
78						
84						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B83 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4418.6	1	SAND and silt - w/ some clay - brown	1300	0 PPM	
12						
18						
24	4418.7	2		1300	0 PPM	
30			SAND, med. / fine - w/ some silt and coal material - cement debris - brown / olive green / black			
36						
42						
48						
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B83 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74						
80			Groundwater sample from 8 - 11'			
86						
	4417.07	3		1310	0 PPM	METH.
92						
98						
104						
110						
	4417.08	4		1315	0 PPM	VOA+15
116						
122						
128						
134						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B84 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4418.8	1	SAND and silt - w/ some clay - brown	1345	0 PPM	
12						
18						
24	4418.9	2		1345	0 PPM	
30			SAND, med. / fine - w/ some silt and coal material - cement debris - brown / olive green / black			
36						
42						
48						
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B84 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74						
80			Groundwater sample from 8 - 11'			
86						
	4417.09	3		1350	8 PPM	METH.
92						
98						
104						
110						
	4417.10	4		1355	0 PPM	VOA+15
116						
122						
128						
134						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B85 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine / med. - brown			
6	4418.10	1	SANDY SILT, fine - dk. brown	1425	0 PPM	
12						
18						
24	4418.11	2		1425	0 PPM	
30			SILTY SAND, fine - black / brown			
36						
42						
48						
54						
60			CLAYEY SILT, black			
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B85 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74			CINDERS			
80						
86						
	4417.11	3		1430	0 PPM	METH.
92						
			Groundwater sample from 8 - 11'			
98						
104						
110						
	4417.12	4		1435	0 PPM	VOA+15
116						
122						
128						
134						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B86 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SAND, fine / med. - brown			
6	4418.12	1	SANDY SILT, fine - dk. brown	1500	0 PPM	
12						
18						
24	4418.13	2		1500	0 PPM	
30			SILTY SAND, fine - black / brown			
36						
42						
48						
54						
60			CLAYEY SILT, black			
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B86 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-14-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
68						
74			CINDERS			
80						
86						
	4417.13	3		1515	0 PPM	METH.
92						
			Groundwater sample from 8 - 11'			
98						
104						
110						
	4417.14	4		1520	0 PPM	VOA+15
116						
122						
128						
134						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B87 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown w/ some asphalt, coal, glass, and cinders			
	4423.2	1		1000	0 PPM	
12						
18						
			SILTY SAND, fine - brown w/ some asphalt, coal, glass, and cinders (layer of silty fine sand - olive green @ 23-24")			
24	4423.3	2		1000	0 PPM	
30						
36						
			Groundwater sample from 5.5 - 8.5'			
42						
48						
	4422.03	3		1005	0 PPM	METH.
54						
60						
	4422.04	4		1015	0 PPM	VOA+15
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B87 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE		
68								
74								
80								
86	4422.04	4		1015	0 PPM	VOA+15		
92								
98								
104								
110								
116								
122								
128								
134								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B88 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - brown			
6	4423.4	1		1100	0 PPM	
12						
18						
24	4423.5	2	SANDY SILT, fine - olive green / brown w/ some iron staining	1100	0 PPM	
30						
36			Groundwater sample from 4 - 7'			
			NATIVE SOILS APPEARANCE			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B88 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-16-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE		
42								
	4422.05	3		1105	0 PPM	METH.		
48								
54								
60								
66	4422.06	4		1110	0 PPM	VOA+15		
72								
78								
84								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B89 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
			SILTY SAND, fine - dk. gray			
6	4423.6	1		1140	0 PPM	
12						
18			SAND and silt - fine / med. - dk. brown / lt. olive green w/ some cinder material			
24	4423.7	2		1140	0 PPM	
30						
36			Mixed sands - med. / fine - brown / black - cinders, brick, glass, and plastic material			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B89 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42			Mixed sands - med. / fine - brown / black - cinders, brick, glass, and plastic material			
48						
54						
60						
66						
72	4422.07	3		1140	0 PPM	METH.
78	4422.08	4		1145	0 PPM	VOA+15
84						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B90 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4423.8	1	SAND, fine / med. - lt. brown	1355	0 PPM	
12			Mixed sands and organic material - dk. brown			
18			SILTY SAND, fine - olive green / brown w/ iron staining			
24	4423.9	2	SILTY SAND, fine - olive green / brown w/ iron staining and coal frags.	1355	0 PPM	
30						
36			SAND, med. / fine - olive green w/ some small rnd. quartz gravels			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B90 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
			Groundwater sample from 6.5 - 9.5'			
48						
54						
60						
66						
72	4422.09	3		1400	0 PPM	METH.
78						
84	4422.10	4		1407	0 PPM	VOA+15

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B91 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4423.10	1	SAND, fine / med. - lt. brown	1440	0 PPM	
12			Mixed sands and organic material - dk. brown			
18			SILTY SAND, fine - olive green / brown w/ iron staining			
24	4423.11	2	SILTY SAND, fine - olive green / brown w/ iron staining and coal frags.	1440	0 PPM	
30						
36			SAND, med. / fine - olive green w/ some small rnd. quartz gravels			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B91 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-16-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
42						
			Groundwater sample from 6.5 - 9.5'			
48						
54						
60						
66						
72	4422.11	3		1445	0 PPM	METH.
78						
	4422.12	4		1450	0 PPM	VOA+15
84						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B92 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SILTY SAND, fine - brown			
	4434.2	1		1025	0 PPM	
12						
18						
24	4434.3	2		1025	0 PPM	
30			SAND and silt - fine - olive green / brown			
36						
42						
48						
54						
60			SAND and silt - fine - olive green / brown w/ some cinder material			
66						

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M2-B92 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84			Groundwater sample from 8 - 11'			
90	4433.03	3		1030	0 PPM	METH.
96						
102						
108						
114	4433.04	4		1040	0 PPM	VOA+15
120						
126						
132						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B93 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6			SAND, med. / fine - tan - w/ some sm. rnd. gravels			
	4434.4	1	SILTY CLAY, olive green - w/ some cinder and coal material	1130	0 PPM	
12						
18						
24	4434.5	2		1130	0 PPM	
30			SILTY CLAY, olive green			
36						
42			CEMENT			
			CLAYEY SILT, and fine sand - olive green			
48			Mixed sands - med. / fine - dk. gray / black - w/ cement, cinders and wood			
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B93 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72	4433.05	3		1135	0 PPM	METH.
78						
84			Groundwater sample from 6.5 - 9.5'			
90						
96	4433.06	4		1142	0 PPM	VOA+15
102						
108						
114						
120						
126						
132						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B94 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic Material			
6	4434.6	1	SILTY SAND, fine - brown	1340	0 PPM	
12						
18						
24	4434.7	2	SILTY CLAY and fine sand - olive green	1340	0 PPM	
30						
36						
42						
48						
54						
60			SILTY SAND and clay - lt. olive green / brown w/ some alternating sand layers - dk. brown / orange			
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B94 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72	4433.07	3		1345	0 PPM	METH.
78						
84						
90						
96	4433.08	4	Groundwater sample from 6.5 - 9.5'	1350	0 PPM	VOA+15
102			NATIVE SOILS APPEARANCE			
108						
114						
120						
126						
132						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B95 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SILTY SAND, fine - w/ some organic material			
6						
			Leaf material w/ some sands - med. / fine - lt. gray / brown			
	4434.8	1	SAND, fine / med. - dk. gray / black / tan	1430	0 PPM	
12						
18						
			SAND, med. / fine - brown - w/ some ang. gravels			
24	4434.9	2	SILTY SAND, fine - olive green - w/ some small rnd. gravels	1430	0 PPM	
30						
36						
			CLAYEY SILT, fine - olive green			
42						
48						
			Mixed sands and silty clay - dk. olive green - w/ cinders, coal and gravels (ang. small)			
54						
60						
66						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B95 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4433.09	3	CLAYEY SILT, black	1435	0 PPM	METH.
96			Groundwater sample from 6.5 - 9.5'			
102			NATIVE SOILS APPEARANCE			
108						
114	4433.10	4		1450	0 PPM	VOA+15
120						
126						
132						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B96 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			SILTY SAND, fine - w/ some organic material			
6			Leaf material w/ some sands - med. / fine - lt. gray / brown			
	4434.10	1	SAND, fine / med. - dk. gray / black / tan	1520	0 PPM	
12						
18						
			SAND, med. / fine - brown - w/ some ang. gravels			
24	4434.11	2	SILTY SAND, fine - olive green - w/ some small md. gravels	1520	0 PPM	
30						
36						
			CLAYEY SILT, fine - olive green			
42						
48			Mixed sands and silty clay - dk. olive green - w/ cinders, coal and gravels (ang. small)			
54						
60						
66						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B96 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-21-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4433.11	3	CLAYEY SILT, black	1525	0 PPM	METH.
96			Groundwater sample from 6.5 - 9.5'			
102						
108						
114	4433.12	4		1530	0 PPM	VOA+15
120						
126						
132						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B97 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4443.2	1	Mixed sands and silts - brown / dk. gray	1000	0 PPM	
12						
18						
24	4443.3	2		1000	0 PPM	
30			Organic material SILTY SAND, fine - dk. brown / black			
36						
42						
48			SAND, fine / med. - black / lt. brown / tan			
54						
60						

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FORT MONMOUTH
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LOG OF BORING M2-B97 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4442.03	3	SANDY SILT, fine - olive green / brown / black w/ some coal frags.	1010	0 PPM	METH.
84						
90						
96			Groundwater sample from 7 - 10'			
102	4442.04	4		1018	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B98 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4443.4	1	Mixed sands and silts - brown / dk. gray	1045	0 PPM	
12						
18						
24	4443.5	2		1045	0 PPM	
30			Organic material SILTY SAND, fine - dk. brown / black			
36						
42						
48			SAND, fine / med. - black / lt. brown / tan			
54						
60						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B98 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
60						
66						
72						
78	4442.05	3	SANDY SILT, fine - olive green / brown / black w/ some coal frags.	1050	0 PPM	METH.
84						
90						
96			Groundwater sample from 7 - 10'			
102	4442.06	4		1055	0 PPM	VOA+15
108						
114						
120						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B99 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - tan w/ some sm. rnd. gravels			
6			SILTY SAND, fine - dk. olive green			
	4443.6	1		1136	0 PPM	
12						
18						
24	4443.7	2		1136	0 PPM	
30			SILTY SAND, fine - dk. olive green w/ some sm. rnd. gravels			
36						
42			Wood Debris with creosote odor.			
48			SILTY SAND, fine / med. - olive green			
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B99 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-26-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61						
67	4442.07	3		1144	0 PPM	METH.
73						
79			Groundwater sample from 6 - 9'			
85						
91	4442.08	4		1153	0 PPM	VOA+15
97						
103						
109						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B100 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - tan w/ some sm. rnd. gravels			
6	4443.8	1		1400	0 PPM	
12			SILTY SAND, fine - brown			
18			SILTY SAND, fine / med. - lt. brown / olive green w/ some clay			
24	4443.9	2		1400	0 PPM	
30			CLAYEY SILT, anfd fine sand - olive green w/ some wood material			
36						
42						
48			CLAYEY SILT, and fine sand - olive green			
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B100 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
55						
61	4442.09	3		1405	0 PPM	METH.
67						
73			Groundwater sample from 5.5 - 8.5'			
79						
85	4442.10	4		1410	0 PPM	VOA+15
91						
97						
103						
109						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B101 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4443.10	1	SILTY SAND, fine - dk. brown	1500	0 PPM	
12			Leaf and wood debris			
18			SAND, fine - brown w/ some leaf material			
24	4443.11	2	Leaf material	1500	0 PPM	
30			CLAYEY SILT, and fine sand - black			
36			CLAYEY SILT, olive green			
42			SILTY SAND, fine - dk. gray			
48			SILTY SAND, fine / med. - dk. olive green w/ some wood material			
54						
60						
66						
72						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B101 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-26-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
75						
81						
87						
93						
			Groundwater sample from 9.5 - 12.5'			
99						
105						
	4442.11	3		1515	0 PPM	METH.
111						
117						
123						
129						
	4442.12	4		1530	0 PPM	VOA+15
135						
141						
147						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B102 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.2	1	SAND, med. / fine - tan	0950	0 PPM	
12			SILTY SAND, fine - olive green			
18			Mixed sands - dk. gray - w/ some small rnd. gravels and coal frags.			
24			Asphalt			
30	4446.3	2		0950	0 PPM	
36			SILT and fine sand - black			
42						
48			SAND, fine / med. - black w/ some coal material			
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B102 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78			Groundwater sample from 8 - 11'			
84						
90	4445.03	3		0955	0 PPM	METH.
96						
102						
108						
114	4445.04	4		1000	0 PPM	VOA+15
120						
126						
132						

02-25-2000 X:\MTECH5\M2\M2-B102.BOR

OSLO-192

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B103 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.4	1	SAND, med. / fine -dk. brown / tan	1040	0 PPM	
12						
18			Organic leaf material			
24						
30	4446.5	2	SAND and silt - fine - olive green / brown	1040	0 PPM	
36						
42			CEMENT			
48						
54			Mixed sands - med. / fine - dk. gray / black w/ some wood material			
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B103 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
66						
72						
78						
84						
90	4445.05	3		1050	0 PPM	METH.
96			Groundwater sample from 8 - 11'			
102						
108						
114	4445.06	4		1055	0 PPM	VOA+15
120						
126						
132						

02-25-2000 X:\MTECH5\M2\M2-B103.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B104 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.6	1	SAND, fine - brown / lt. brown w/ some silt	1140	0 PPM	
12						
18						
24	4446.7	2	SAND, fine / coarse - olive green / brown	1140	0 PPM	
			Mixed sands and organic leaf material			
30			SILTY SAND, fine - dk. olive green			
36						
42						
48			SILT and fine sand - olive green w/ some organic material			
54						
60						
66						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B104 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
69			Groundwater sample from 8.5 - 11.5'			
75						
81						
87						
93						
	4445.07	3		1145	0 PPM	METH.
99						
105						
111						
117						
	4445.08	4		1058	0 PPM	VOA+15
123						
129						
135						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B105 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			WOODCHIPS			
			Organic material			
6			CLAYEY SAND, fine / med. - olive green / orange			
	4446.8	1		1330	0 PPM	
12						
18						
24	4446.9	2		1330	0 PPM	
			Wood material			
30			CLAY			
36						
42			Wood material			
48			SANDY SILT, fine - olive green - w/ some cement			
54						
60	4445.09	3		1340	0 PPM	METH.
66	4445.10	4		1445	0 PPM	VOA+15

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B105 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
69						
75			Groundwater sample from 8.5 - 11.5'			
81						
87	4445.10	4		1445	0 PPM	VOA+15
93						
99						
105						
111						
117						
123						
129						
135						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B106 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 4-27-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			WOOD CHIPS			
			Organic material			
6			CLAYEY SAND, fine / med. - olive green / orange			
	4446.10	1		1430	0 PPM	
12						
18						
24	4446.11	2		1430	0 PPM	
			Wood material			
30			CLAY			
36						
42			Wood material			
48			SANDY SILT, fine - olive green - w/ some cement			
54						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B106 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
57						
63						
69						
	4445.11	3		1435	0 PPM	METH.
75						
			Groundwater sample from 8.5 - 11.5'			
81						
87						
93						
	4445.12	4		1440	0 PPM	VOA+15
99						
105						
111						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B107 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material (disturbed)			
6	4446.12	1	SAND and silt - fine - olive green / brown	1515	0 PPM	
12						
18						
24	4446.13	2		1515	0 PPM	
30			SILTY SAND, fine - olive green sands - brown			
36						
42			SILTY SAND, fine - brown w/ some small md. gravels			
48			Mixed sand and silt - w/ some cement and wood debris			
54						
60						
66						
72						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B107 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 4-27-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
75						
81						
87						
93						
99			Wet clayey silt - black w/ some wood debris			
105						
	4445.13	3		1520	0 PPM	METH.
111						
117						
123			Groundwater sample from 9.5 - 12.5'			
129						
	4445.14	4		1530	0 PPM	VOA+15
135						
141						
147						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B108 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4462.2	1	SAND, med. / fine - tan / lt. olive green	1015	0 PPM	
12						
18			SILTY SAND, fine - brown / lt. olive green			
24	4462.3	2		1015	0 PPM	
30			SAND, fine / med. - dk. olive green / black w/ some cinders and leaf material			
36						
42						
48			SAND and silt- fine - olive green w/ some cinders			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B108 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.03	3		1020	0 PPM	METH.
63						
69						
			Groundwater sample from 5.5 - 8.5'			
75						
81						
	4461.04	4		1030	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B109 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6			SANDY SILT, fine - lt. brown			
	4462.4	1		1100	0 PPM	
12			Organic material and fine sand - dk. brown			
18						
24	4462.5	2	SAND, fine - dk. olive green / black	1100	0 PPM	
30			SILTY SAND, fine - black			
			Asphalt			
36			SAND cinders, and coal w/ some glass			
42						
			Mixed sands - with glass and batteries			
48			Mixed sands - olive green / black			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B109 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.05	3		1105	0 PPM	METH.
63						
69						
75						
81	4461.06	4	Groundwater sample from 5.5 - 8.5'	1115	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B110 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-4-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4462.6	1	SANDY SILT, fine - lt. brown	1145	0 PPM	
12			Organic material and fine sand - dk. brown			
18						
24	4462.7	2	SAND, fine - dk. olive green / black	1145	0 PPM	
30			SILTY SAND, fine - black			
			Asphalt			
36			SAND cinders, and coal w/ some glass			
42						
			Mixed sands - with glass and batteries			
48			Mixed sands - olive green / black			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B110 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4461.07	3		1150	0 PPM	METH.
63						
69						
75						
81	4461.08	4	Groundwater sample from 5.5 - 8.5'	1158	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B111 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6	4462.8	1	SANDY SILT, fine - olive green / brown	1310	0 PPM	
12						
18						
24	4462.9	2	SILTY SAND, fine - dk. brown	1310	0 PPM	
30			BRICK			
36			SAND, fine - dk. brown / dk. olive green / black w/ some cement and cinder material			
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B111 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
45						
	4461.09	3	Groundwater sample from 4.5 - 7.5'	1315	0 PPM	METH.
51						
57						
63						
69						
	4461.10	4		1325	0 PPM	VOA+15
75						
81						
87						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B112 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, med. / fine - brown - w/ some small md. gravels			
6			SAND, fine - w/ some silts - dk. brown			
	4462.10	1		1400	0 PPM	
12						
18						
			SILTY SAND, fine - olive green			
24	4462.11	2		1400	0 PPM	
30						
			SAND, fine / med. - w/ cinders - dk. gray			
36						
42						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B112 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-4-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
45						
	4461.11	3	Groundwater sample from 4.5 - 7.5'	1405	0 PPM	METH.
51						
57						
63						
69						
	4461.12	4		1410	0 PPM	VOA+15
75						
81						
87						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
6			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
	4466.2	1		0945	0 PPM	
12						
18			SILT and fine sand - brown w/ some small sub rnd. gravels			
24	4466.3	2		0945	0 PPM	
			SAND, fine / med. - lt. olive green			
30						
			SILTY SAND, fine - olive green			
36						
42						
48			SILTY SAND, fine - olive green			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.03	3		0950	0 PPM	METH.
63						
69			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.04	4		0955	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 11-8-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30			SILTY SAND, fine - olive green			
40						
50			SILTY SAND, fine - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4931.03	1		1150	0 PPM	0 PPM
100						
110	4931.04	2		1318	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels w/ some cinders and glass			
			SAND, fine / med. - lt. olive green w/ some cinders			
30						
			SILTY SAND, fine - olive green			
40						
50			SILTY SAND, fine - olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4971.03	1		0930	1.92	12.62
100						
110	4971.04	2		1000	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-2-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30			SILTY SAND, fine - olive green			
40						
50			SILTY SAND, fine - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4972.05	1		1325	1.09	9.63
100						
110	4972.06	2		1335	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 F [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30						
			SILTY SAND, fine - olive green			
40	5058.03	1		1330	0 PPM	2494
50			SILTY SAND, fine - olive green			
60	5058.04	2		1334	60	4064
70			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5058.16	3		1450	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 G [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-4-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30	5064.03	1		1027	2.6	941
			SILTY SAND, fine - olive green			
40						
50			SILTY SAND, fine - olive green			
60	5064.04	2		1030	3.85	1067
	5064.05	3		1034	4.2	1565
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5064.12	4		1441	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30			SILTY SAND, fine - olive green			
40						
50	5072.13	1	SILTY SAND, fine - olive green	1420	10	1645
	5072.14	2		1424	17	1510
60						
70						
			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5072.18	3		1500	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B113 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown - w/ some organic material			
10			SILTY SAND, fine - olive green - w/ some small rnd. gravels			
20			SILT and fine sand - brown w/ some small sub rnd. gravels			
			SAND, fine / med. - lt. olive green			
30			SILTY SAND, fine - olive green			
40						
50			SILTY SAND, fine - olive green			
	5075.05	1		1424	.13	12
60						
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5075.14	2		1405	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
6			SILTY SAND, fine - brown			
	4466.4	1		1030	0 PPM	
12						
18						
			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
24	4466.5	2		1030	0 PPM	
30						
			SAND, fine - w/ some silt - dk. gray / black			
36						
			Mixed sands and asphalt material			
42						
48			SILT, and fine sand - olive green			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.05	3		1035	0 PPM	METH.
63						
69			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.06	4		1040	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / black			
40			Mixed sands and asphalt material			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4931.05	1		1318	O PPM	0 PPM
100						
110	4931.06	2		1340	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / black			
40			Mixed sands and asphalt material			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4933.05	1		0945	O PPM	0 PPM
100						
110	4933.06	2		0955	0 PPM	0 PPM
120						
130						

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03-04-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / lt. olive green			
40			Mixed sands - med. / fine - brown / lt. olive green			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4968.03	1		1010	24.04	48.72
100						
110	4968.04	2		1020	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B114 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / lt. olive green			
40			Mixed sands - med. / fine - brown / lt. olive green			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4971.05	1		1125	2.12	9.37
100						
110	4971.06	2		1130	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2 - 114 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-2-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / lt. olive green			
40			Mixed sands - med. / fine - brown / lt. olive green			
50			SILT, and fine sand - olive green			
60						
70						
80			Groundwater sample from 8 - 11'			
90	4972.07	1		1345	2.36	11.02
100						
110	4972.08	2		1355	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2 - 114 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID		
0			Wood Chips					
10			SILTY SAND, fine - brown					
20			SILTY SAND, fine - olive green					
			SANDY SILT, olive green					
30		1	SAND, fine - w/ some silt - dk. gray / lt. olive green					
40			Mixed sands - med. / fine - brown / lt. olive green					
50			SILT, and fine sand - olive green					
60		2						
70			Groundwater sample from 7 - 12'					
80								
90								
100								
110		3						
120								
130								
140								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2 - 114 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60	5064.06	1		1039	7.24	5.20
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5064.14	2		1445	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2 - 114 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green			
	5072.15	1	SANDY SILT, olive green	1426	0 PPM	362
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
	5072.16	2		1430	6.94	1743
60	5072.17	3		1432	21.29	2139
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5072.19	4		1500	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2 - 114 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60	5075.06	1		1428	0 PPM	7290
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5075.10	2		1410	O PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, fine / med. - brown			
6			SILTY SAND, fine - brown			
	4466.6	1		1125	0 PPM	
			SAND, med. / coarse - dk. brown			
12						
			SILTY SAND, fine - olive green w/ small rnd. gravels			
18						
			SAND, medium - lt. tan			
24	4466.7	2		1125	0 PPM	
			SILT and mixed sands - dk. olive green / black - w/ some wood material			
30						
36						
42						
48			SILT and mixed sands - dk. olive green / black - w/ some wood material and paper			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.07	3		1135	0 PPM	METH.
63						
69			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.08	4		1145	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / black			
40			Mixed sands and asphalt material			
50			SILT, and fine sand - olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4931.07	1		1350	30	80
100						
110						
	4931.08	2		1411	0 PPM	0 PPM
120						
130						

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03-04-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - dk. gray / lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4933.07	1		1015	10	0 PPM
100						
110	4933.08	2		1030	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4968.05	1		1045	49.05	31.32
100						
110	4968.06	2		1055	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4971.07	1		1340	10.12	1.20
100						
110	4971.08	2		1353	0 PPM	0 PPM
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-2-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
70			Groundwater sample from 8 - 11'			
90	4972.09	1		1415	9.04	1.02
110	4972.10	2		1430	0 PPM	0 PPM
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40	5058.07	1	Mixed sands - med. / fine - lt. olive green	1341	32	196
50			SILT, and fine sand - olive green			
	5058.08	2		1344	82	1731
60	5058.09	3		1345	39	807
70						
			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5058.18	4		1500	0 PPM	0 PPM
120						
130						
140						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-4-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SILTY SAND, fine - brown			
10						
20	5064.07	1	SILTY SAND, fine - olive green	1330	7.24	520
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
60						
70						
	5064.08	2	Groundwater sample from 7 - 12'	1332	.08	636
80						
90						
100						
110						
120						
130						
140						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SILTY SAND, fine - brown			
20			SILTY SAND, fine - olive green			
30			SANDY SILT, olive green			
40	5072.03	1	SAND, fine - w/ some silt - lt. olive green Mixed sands - med. / fine - lt. olive green	1341	0 PPM	2728
50			SILT, and fine sand - olive green			
60	5072.04	2		1344	10.35	1570
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5072.20	3		1330	0 PPM	603
120						
130						
140						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B115 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - dk. brown			
			SILTY SAND, fine - brown			
10						
20			SILTY SAND, fine - olive green			
			SANDY SILT, olive green			
30			SAND, fine - w/ some silt - lt. olive green			
40			Mixed sands - med. / fine - lt. olive green			
50			SILT, and fine sand - olive green			
	5075.07	1		1430	0 PPM	27.8
60						
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5075.11	2		1415	0 PPM	0 PPM
120						
130						
140						

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03-04-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, fine / med. - brown			
6			SILTY SAND, fine - brown			
	4466.8	1		1415	0 PPM	
			SAND, med. / coarse - dk. brown			
12						
			SILTY SAND, fine - olive green w/ small rnd. gravels			
18						
			SAND, medium - lt. tan			
24	4466.9	2		1415	0 PPM	
			SILT and mixed sands - dk. olive green / black - w/ some wood material			
30						
36						
42						
48			SILT and mixed sands - dk. olive green / black - w/ some wood material and paper			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
57	4465.09	3		1420	0 PPM	METH.
63						
69						
			Groundwater sample from 5.5 - 8.5'			
75						
81	4465.10	4		1425	0 PPM	VOA+15
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-8-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. tan			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material			
40						
50			SILT and mixed sands - dk. olive green / black - w/ some wood material			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4931.09	1		1438	0 PPM	0 PPM
100						
110	4931.10	2		1448	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Organic material			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. tan			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material			
40						
50			SILT and mixed sands - dk. olive green / black - w/ some wood material			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4933.09	1		1050	0 PPM	0 PPM
100						
110	4933.10	2		1110	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. tan			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material			
40						
50			SILT and mixed sands - dk. olive green / black - w/ some wood material			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4968.07	1		1120	1.12	3.30
100						
110	4968.08	2		1130	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. tan			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material			
40						
50			SILT and mixed sands - dk. olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4971.09	1		1410	2.02	12.07
100						
110	4971.10	2		1420	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-2-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4971.09	1		1410	2.31	3.01
100						
110	4971.10	2		1420	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
	5058.10	1	SAND, med. / coarse - dk. brown	1350	135	496
20			SILTY SAND, fine - olive green w/ small md. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60	5058.11	2		1400	1.15	1975
70			Groundwater sample from 8 - 11'			
80						
90						
100	5058.19	3		1505	0 PPM	0 PPM
110						
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-4-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
	5064.09	1	Groundwater sample from 8 - 11'	1338	.63	1392
80						
90						
100						
	5064.15	2		1503	0 PPM	0 PPM
110						
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B116 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40	5072.05	1		1347	0 PPM	603
50			SILT and mixed sands - dk. olive green			
60	5072.06	2		1351	52	456
70						
	5072.07	3	Groundwater sample from 8 - 11'	1353	27	880
80						
90						
100						
110	5072.21	4		1300	0 PPM	0 PPM
120						
130						
140						

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LOG OF BORING M2-B116 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
	5075.04	1		1420	10.14	306
60						
70			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5075.12	2		1420	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED : 5-6-99
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H20 SAMPLER : 1" PVC

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-07
NJDEP LIC. # : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, and - fine - brown			
6	4466.10	1		1500	0 PPM	
12			SILTY SAND, fine - olive green / brown			
18			SAND, fine - lt. olive green			
			SAND, fine / med. - brown / dk. olive green w/ some small rnd. gravels			
24	4466.11	2		1500	0 PPM	
			SAND, fine - lt. olive green			
30			CEMENT			
			CLAYEY SILT, olive green (hard)			
36						
42			Landfill material - w/ mixed sands - fine - black also rubber matting			
48			Landfill material - w/ mixed sands - fine - black - also rubber matting and plastic			

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51						
	4465.11	3		1505	0 PPM	METH.
57						
63			Groundwater sample from 5 - 8'			
69						
75						
	4465.12	4		1510	0 PPM	VOA+15
81						
87						
93						
99						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117A [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4933.03	1		0915	0 PPM	0 PPM
100						
110	4933.04	2		0930	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4933.11	1		1130	0 PPM	0 PPM
100						
110	4933.12	2		1145	0 PPM	0 PPM
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4968.09	1		1148	1.20	69.10
100						
110	4968.10	2		1200	0 PPM	0 PPM
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-1-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4971.11	1		1450	0 PPM	0 PPM
100						
110	4971.12	2		1500	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
			SILTY SAND, fine - olive green w/ small rnd. gravels			
20			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4979.03	1		0940	0.96	2.02
100						
110	4979.04	2		0955	0 PPM	0 PPM
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30	5058.12	1	SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders	1407	0 PPM	163
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
	5058.13	2	Groundwater sample from 8 - 11'	1410	0 PPM	1739
80						
90						
100						
	5058.20	3		1510		
110						
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-4-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
10			SAND, fine / med. - brown			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - dk. brown			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
	5064.10	1	SAND, medium - lt. olive green	1445	.33	842
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
	5064.11	2	Groundwater sample from 7 - 12'	1448	.25	2398
80						
90						
100						
110						
	5064.16	3		1509	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
	5072.08	1		1359	0 PPM	2300
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
	5072.09	2		1401	22	3805
60	5072.10	3		1403	24	2865
70						
			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5072.22	4		1200	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B117 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			Wood Chips			
			SAND, fine / med. - brown			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - dk. olive green / black - w/ some wood material and cinders			
40						
50			SILT and mixed sands - dk. olive green			
	5075.08	1		1435	0 PPM	32.9
60						
70			Groundwater sample from 7 - 12'			
80						
90						
100						
110	5075.13	2		1425	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
0			Organic material			
			SAND, fine / coarse - tan w/ some small rnd. gravels			
6						
	4466.12	1	SILTY SAND, fine - brown	1530	0 PPM	
12						
18						
			SILTY CLAY, and fine sand - olive green			
24	4466.13	2		1530	0 PPM	
			SILTY SAND, fine - olive green / black			
30						
36						
42						
48						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 [COVER / BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 5-6-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU	NOTE
51			Groundwater sample from 5 - 8'			
	4465.13	3		1535	0 PPM	METH.
57						
63						
69						
75						
	4465.14	4		1540	0 PPM	VOA+15
81						
87						
93						
99						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 B [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-10-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
			SILTY SAND, fine - olive green w/ small rnd. gravels			
20			SAND, medium - lt. olive green			
30			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
60						
70			Groundwater sample from 8 - 11'			
80						
90	4933.13	1		1200	0 PPM	0 PPM
100						
110	4933.14	2		1210	0 PPM	0 PPM
120						
130						

03-02-2000 X:\WTECH5\M2\M2-B118B.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4968.11	1		1330	1.30	8.62
100						
110	4968.12	2		1350	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 D [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-2-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
10			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
			SILTY SAND, fine - olive green w/ small rnd. gravels			
20			SAND, medium - lt. olive green			
30			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4972.03	1		1145	1.01	2.07
100						
110	4972.04	2		1200	0 PPM	0 PPM
120						
130						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 E [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 12-3-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4979.05	1		1015	0.11	1.13
100						
110	4979.06	2		1030	0 PPM	0 PPM
120						
130						

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 F [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-3-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
20			SAND, med. / coarse - lt. olive green			
			SILTY SAND, fine - olive green w/ small rnd. gravels			
30			SAND, medium - lt. olive green			
			SILT and mixed sands - olive green			
40	5058.14	1		1435	0 PPM	862
50			SILT and mixed sands - dk. olive green			
60	5058.15	2		1440	0 PPM	1339
70			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5058.21	3		1515	0 PPM	0 PPM
120						
130						
140						

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03-02-2000

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 G [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-4-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30	5064.18	1	SILT and mixed sands - olive green	1534		
40	5064.19	2		1536		
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5064.17	3		1518		
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 H [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-5-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20	5072.11	1	SILTY SAND, fine - olive green w/ small rnd. gravels SAND, medium - lt. olive green	1405	144	73
30			SILT and mixed sands - olive green			
40	5072.12	2		1407	10.82	1284
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5072.23	3		1130	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B118 I [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 1-6-00	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
20			SAND, med. / coarse - lt. olive green			
			SILTY SAND, fine - olive green w/ small rnd. gravels			
30			SAND, medium - lt. olive green			
			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
	5075.03	1		1415	2.3	23
60						
70			Groundwater sample from 8 - 11'			
80						
90						
100						
110	5075.09	2		1430	0 PPM	0 PPM
120						
130						
140						

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M2-B119 C [BENZENE]

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON
M2 LANDFILL INVESTIGATION

DATE COMPLETED	: 11-30-99	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-07
DRILLING METHOD	: GEOPROBE	NJDEP LIC. #	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H20 SAMPLER	: 1" PVC		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	PID	FID
0			SILTY SAND, fine - brown			
10			SAND, fine / med. - brown / orange w/ some sm. - med. rnd. gravels			
			SILTY SAND, fine - brown			
			SAND, med. / coarse - lt. olive green			
20			SILTY SAND, fine - olive green w/ small rnd. gravels			
			SAND, medium - lt. olive green			
30			SILT and mixed sands - olive green			
40						
50			SILT and mixed sands - dk. olive green			
60						
70						
			Groundwater sample from 8 - 11'			
80						
90	4968.13	1		1415	0 PPM	0 PPM
100						
110	4968.14	2		1430	0 PPM	0 PPM
120						
130						

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FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample ID	Lab ID	Field Duplicate
52 6.0'	4355.09	4355.17
52 6.5-9.5'	4355.10	4355.18
76 48"	4407.07	4407.09
76 4-7'	4407.08	4407.10
103 7.5'	4445.05	4445.15
103 8-11'	4445.06	4445.16
115B 90"	4933.07	4933.15
115B 8-11'	4933.08	4933.16
114E 90"	4972.07	4972.13
114E 8-11'	4972.08	4972.14
66E 8'	4995.09	4995.13
66E 8.5-13.5'	4995.10	4995.14

METHOD SUMMARY

Method Summary

EPA Method 624
Gas Chromatographic Determination of Volatiles in Water

A 5-ml volume of sample is added to 5-ml aliquot of water. Surrogates and internal standards are added and the sample is placed on a purge and trap concentrator. The sample is purged and desorbed into a GC/MS system. Volatiles are then identified and quantitated.

EPA SW-846 Method 8260
Gas Chromatographic Determination of Volatiles in Soil

A 5-gram volume of soil sample is added to a 5-ml aliquot of water. Surrogates and internal standards are added and the sample is placed on a purge and trap concentrator. The sample as purged and desorbed into a GC/MS system. Volatiles are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 4328

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/08/99	NA
Receipt/Refrigeration	03/08/99	NA
Analyses		
1. Volatile Organics	03/10,11/99	14 days

Laboratory Chronicle

Lab ID: 4332 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/09/99	NA
Receipt/Refrigeration	03/09/99	NA

Analyses

1. Volatile Organics	03/11/99	14 days

Laboratory Chronicle

Lab ID: 4334 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/10/99	NA
Receipt/Refrigeration	03/10/99	NA
Analyses		
1. Volatile Organics	03/12/99	14 days

Laboratory Chronicle

Lab ID: 4339 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/11/99	NA
Receipt/Refrigeration	03/11/99	NA

Analyses

1. Volatile Organics	03/15,17/99	14 days

Laboratory Chronicle

Lab ID: 4350 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/16/99	NA
Receipt/Refrigeration	03/16/99	NA

Analyses

1. Volatile Organics	03/18,19,22,23/99	14 days

Laboratory Chronicle

Lab ID: 4355

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/17/99	NA
Receipt/Refrigeration	03/17/99	NA

Analyses

1. Volatile Organics	03/19,23,29/99	14 days

Laboratory Chronicle

Lab ID: 4358

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/18/99	NA
Receipt/Refrigeration	03/18/99	NA

Analyses

1. Volatile Organics	03/23,30,31/99	14 days

Laboratory Chronicle

Lab ID: 4368

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/23/99	NA
Receipt/Refrigeration	03/23/99	NA

Analyses

1. Volatile Organics	04/01,02/99	14 days

Laboratory Chronicle

Lab ID: 4381

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	03/30/99	NA
Receipt/Refrigeration	03/30/99	NA

Analyses

1. Volatile Organics	04/03,05/99	14 days

Laboratory Chronicle

Lab ID: 4396

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/06/99	NA
Receipt/Refrigeration	04/06/99	NA

Analyses

1. Volatile Organics	04/07,15/99	14 days

Laboratory Chronicle

Lab ID: 4407

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/09/99	NA
Receipt/Refrigeration	04/09/99	NA

Analyses

1. Volatile Organics	04/16,20/99	14 days

Laboratory Chronicle

Lab ID: 4414 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/13/99	NA
Receipt/Refrigeration	04/13/99	NA

Analyses

1. Volatile Organics	04/20,24/99	14 days

Laboratory Chronicle

Lab ID: 4417

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/14/99	NA
Receipt/Refrigeration	04/14/99	NA

Analyses

1. Volatile Organics	04/23,26/99	14 days

Laboratory Chronicle

Lab ID: 4422 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/16/99	NA
Receipt/Refrigeration	04/16/99	NA

Analyses

1. Volatile Organics	04/26,27/99	14 days

Laboratory Chronicle

Lab ID: 4433

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/21/99	NA
Receipt/Refrigeration	04/21/99	NA
Analyses		
1. Volatile Organics	04/27/99	14 days

Laboratory Chronicle

Lab ID: 4442

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/26/99	NA
Receipt/Refrigeration	04/26/99	NA

Analyses

1. Volatile Organics	04/28,29/99 05/03/99	14 days

Laboratory Chronicle

Lab ID: 4445 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	04/27/99	NA
Receipt/Refrigeration	04/27/99	NA

Analyses

1. Volatile Organics	04/28/99 05/10/99	14 days

Laboratory Chronicle

Lab ID: 4461 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	05/04/99	NA
Receipt/Refrigeration	05/04/99	NA
Analyses		
1. Volatile Organics	05/11/99	14 days

Laboratory Chronicle

Lab ID: 4465 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	05/06/99	NA
Receipt/Refrigeration	05/06/99	NA

Analyses

1. Volatile Organics	05/11,12/99	14 days

Laboratory Chronicle

Lab ID: 4912

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	11/03/99	NA
Receipt/Refrigeration	11/03/99	NA

Analyses

1. Volatile Organics	11/05,06,09/99	14 days

Laboratory Chronicle

Lab ID: 4915 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	11/04/99	NA
Receipt/Refrigeration	11/04/99	NA

Analyses

1. Volatile Organics	11/05,06,08/99	14 days

Laboratory Chronicle

Lab ID: 4931

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	11/08/99	NA
Receipt/Refrigeration	11/08/99	NA

Analyses

1. Volatile Organics	11/12,13/99	14 days

Laboratory Chronicle

Lab ID: 4933

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	11/10/99	NA
Receipt/Refrigeration	11/10/99	NA
Analyses		
1. Volatile Organics	11/12,13/99	14 days

Laboratory Chronicle

Lab ID: 4968 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	11/30/99	NA
Receipt/Refrigeration	11/30/99	NA
Analyses		
1. Volatile Organics	12/01/99	14 days

Laboratory Chronicle

Lab ID: 4971 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	12/01/99	NA
Receipt/Refrigeration	12/01/99	NA

Analyses

1. Volatile Organics	12/06,07,08/99	14 days

Laboratory Chronicle

Lab ID: 4972 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	12/02/99	NA
Receipt/Refrigeration	12/02/99	NA

Analyses

1. Volatile Organics	12/06,07,08/99	14 days

Laboratory Chronicle

Lab ID: 4979 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	12/03/99	NA
Receipt/Refrigeration	12/03/99	NA

Analyses

1. Volatile Organics	12/08,09/99	14 days

Laboratory Chronicle

Lab ID: 4990 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	12/06/99	NA
Receipt/Refrigeration	12/06/99	NA
Analyses		
1. Volatile Organics	12/09/99	14 days

Laboratory Chronicle

Lab ID: 4995 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	12/07/99	NA
Receipt/Refrigeration	12/07/99	NA
Analyses		
1. Volatile Organics	12/11/99	14 days

Laboratory Chronicle

Lab ID: 5058

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/03/00	NA
Receipt/Refrigeration	01/03/00	NA

Analyses

1. Volatile Organics	01/04,05,07/00	14 days

Laboratory Chronicle

Lab ID: 5064 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/04/00	NA
Receipt/Refrigeration	01/05/00*	NA

Analyses

1. Volatile Organics	01/07,08/00	14 days

*Samples were received and refrigerated after working hours on 01/04/00. They were logged into the system on 01/05/00.

Laboratory Chronicle

Lab ID: 5072 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/05/00	NA
Receipt/Refrigeration	01/06/00*	NA

Analyses

1. Volatile Organics	01/10,11,13/00	14 days

*Samples were received and refrigerated after working hours on 01/05/00. They were logged into the system on 01/06/00.

Laboratory Chronicle

Lab ID: 5075 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/06/00	NA
Receipt/Refrigeration	01/07/00*	NA

Analyses

1. Volatile Organics	01/11,12,13/00	14 days

*Samples were received and refrigerated after working hours on 01/06/00. They were logged into the system on 01/07/00.

Laboratory Chronicle

Lab ID: 5085

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/10/00	NA
Receipt/Refrigeration	01/10/00	NA

Analyses

1. Volatile Organics	01/17/00	14 days

Laboratory Chronicle

Lab ID: 5091 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/11/00	NA
Receipt/Refrigeration	01/12/00*	NA

Analyses

1. Volatile Organics	01/17,18,19/00	14 days

*Samples were received and refrigerated after working hours on 01/11/00. They were logged into the system on 01/12/00.

Laboratory Chronicle

Lab ID: 5096 **Site:** M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/12/00	NA
Receipt/Refrigeration	01/13/00*	NA

Analyses

1. Volatile Organics	01/18,19/00	14 days

*Samples were received and refrigerated after working hours on 01/12/00. They were logged into the system on 01/13/00.

Laboratory Chronicle

Lab ID: 5102

Site: M2 Benzene Investigation

	Date	Hold Time
Date Sampled	01/13/00	NA
Receipt/Refrigeration	01/13/00	NA

Analyses

1. Volatile Organics	01/18,19,26/00	14 days

CASE NARRATIVE

CASE NARRATIVE

Site: M2 Benzene Investigation

The last samples taken on 3/18/99 were designated as 59 6' and 59 6.5'-9.5' (Lab ID #s 4358.09 and 4358.10) and the first samples taken on 3/23/99 were designated as 59 6' and 59 6.5'-9.5' (Lab ID #s 4368.03 and 4368.04). The letter "A" was added to the ID of the samples taken on 3/23/99 to differentiate between the two sets of samples.

SOIL CLEANUP CRITERIA

Soil Cleanup Criteria

Compound	mg/Kg
Acrolein	NLE
Acrylonitrile	1
tert-Butyl alcohol	NLE
Methyl-tert-Butyl ether	NLE
Di-isopropyl ether	NLE
Dichlorodifluoromethane	NLE
Chloromethane	520
Vinyl Chloride	2
Bromomethane	79
Chloroethane	NLE
Trichlorofluoromethane	NLE
1,1-Dichloroethene	8
Acetone	1000
Carbon Disulfide	NLE
Methylene Chloride	49
trans-1,2-Dichloroethene	1000
1,1-Dichloroethane	570
Vinyl Acetate	NLE
2-Butanone	1000
cis-1,2-Dichloroethene	79
Chloroform	19
1,1,1-Trichloroethane	210
Carbon Tetrachloride	2
Benzene	3
1,2-Dichloroethane	6
Trichloroethene	23
1,2-Dichloropropane	10
Bromodichloromethane	11
2-Chloroethyl vinyl ether	NLE
cis-1,3-Dichloropropene	4
4-Methyl-2-Pentanone	1000
Toluene	1000
trans-1,3-Dichloropropene	4
1,1,2-Trichloroethane	22
Tetrachloroethene	4
2-Hexanone	NLE
Dibromochloromethane	110
Chlorobenzene	37
Ethylbenzene	1000
Total Xylenes	410
Styrene	23
Bromoform	86
1,1,2,2-Tetrachloroethane	34
Anthracene	10000
Di-n-butylphthalate	5700
Fluoranthene	2300
Benzidine	NLE
Pyrene	1700
Butylbenzylphthalate	1100
Benzo(a)anthracene	0.9
3,3'-Dichlorobenzidine	2
bis(2-Ethylhexyl)phthalate	49
Di-n-octylphthalate	1100
Benzo(b)fluoranthene	0.9
Benzo(k)fluoranthene	0.9
Benzo(a)pyrene	0.66
Indeno(1,2,3-cd)pyrene	0.9

Compound	mg/Kg
Pyridine	NLE
N-nitroso-dimethylamine	NLE
Aniline	NLE
Phenol	10000
bis(2-Chloroethyl)ether	0.66
2-Chlorophenol	280
1,3-Dichlorobenzene	5100
1,4-Dichlorobenzene	570
Benzyl alcohol	10000
1,2-Dichlorobenzene	5100
2-Methylphenol	2800
bis(2-chloroisopropyl)ether	2300
4-Methylphenol	2800
n-Nitroso-di-n-propylamine	0.66
Hexachloroethane	6
Nitrobenzene	28
Isophorone	1100
2-Nitrophenol	NLE
2,4-Dimethylphenol	1100
bis(2-Chloroethoxy) methane	NLE
2,4-Dichlorophenol	170
Benzoic Acid	NLE
1,2,4-Trichlorobenzene	68
Naphthalene	230
4-Chloroaniline	230
Hexachlorobutadiene	1
2,4,6-Trichlorophenol	62
2,4,5-Trichlorophenol	5600
2-Chloronaphthalene	NLE
4-Chloro-3-methylphenol	10000
2-Methylnaphthalene	NLE
Hexachlorocyclopentadiene	400
2-Nitroaniline	NLE
Dimethylphthalate	NLE
Acenaphthylene	NLE
2,6-Dinitrotoluene	NLE
3-Nitroaniline	NLE
Acenaphthene	3400
2,4-Dinitrophenol	110
4-Nitrophenol	NLE
Dibenzofuran	NLE
2,4-Dinitrotoluene	1
Diethylphthalate	10000
Fluorene	2300
4-Chlorophenyl-phenylether	NLE
4-Nitroaniline	NLE
4,6-Dinitro-2-methylphenol	NLE
n-Nitrosodiphenylamine	140
4-Bromophenyl-phenylether	NLE
Hexachlorobenzene	0.66
Pentachlorophenol	6
Phenanthrene	NLE
Dibenz(a,h)anthracene	0.66
Benzo(g,h,i)perylene	NLE
Azobenzene	NLE
Chrysene	9

NLE- No Limits Established

QUALIFIERS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

ANALYTICAL RESULTS

AQUEOUS

METHOD BLANKS

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02907.D	Sample Name	Vblk90
Operator	Skelton	Field ID	Vblk90
Date Acquired	10-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk90**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk90

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02907.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02943.D	Sample Name	Vblk91
Operator	Skelton	Field ID	Vblk91
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk91

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk91

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02943.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03006.D	Sample Name	Vblk93
Operator	Skelton	Field ID	Vblk93
Date Acquired	15-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk93**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4339 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk93

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03006.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: not dec. _____ Date Analyzed: 3/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03038.D	Sample Name	Vblk94
Operator	Skelton	Field ID	Vblk94
Date Acquired	17-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/26/99 1:15

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000113

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk94**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk94

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03038.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/17/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB03068.D**
Operator **Skelton**
Date Acquired **18-Mar-99**

Sample Name **Vblk95**
Field ID **Vblk95**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk95**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk95

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03068.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03120.D	Sample Name	Vblk97
Operator	Skelton	Field ID	Vblk97
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk97**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk97

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03120.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03311.D	Sample Name	Vblk103
Operator	Skelton	Field ID	Vblk103
Date Acquired	1-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk103**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk103

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03311.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/1/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03346.D	Sample Name	Vblk104
Operator	Skelton	Field ID	Vblk104
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: Vblk104

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: Vblk104

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03346.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03388.D	Sample Name	Vblk106
Operator	Skelton	Field ID	Vblk106
Date Acquired	6-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroetbene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk106**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk106

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03388.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: not dec. _____ Date Analyzed: 4/6/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003458.D	Sample Name	Vblk109
Operator	Skelton	Field ID	Vblk109
Date Acquired	15-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk109**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk109

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003458.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: not dec. _____ Date Analyzed: 4/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003563.D	Sample Name	Vblk111
Operator	Skelton	Field ID	Vblk111
Date Acquired	23-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.61	69210	3.18 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk111**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk111

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003563.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003595.D	Sample Name	Vblk112
Operator	Skelton	Field ID	Vblk112
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk112**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk112

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003595.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006228.D	Sample Name	Vblk174
Operator	Deinhardt	Field ID	Vblk174
Date Acquired	3 May 1999 11:06 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: Vblk174

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk174

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006228.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003715.D	Sample Name	Vblk114
Operator	Skelton	Field ID	Vblk114
Date Acquired	10-May-99	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	18.50 ug/L	
107131	Acrylonitrile			not detected	50	27.80 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.20 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	1.60 ug/L	
108203	Di-isopropyl ether			not detected	nle	2.50 ug/L	
	Dichlorodifluoromethane			not detected	nle	16.80 ug/L	
74-87-3	Chloromethane			not detected	30	11.60 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.60 ug/L	
74-83-9	Bromomethane			not detected	10	11.00 ug/L	
75-00-3	Chloroethane			not detected	nle	10.10 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.40 ug/L	
67-64-1	Acetone			not detected	700	13.60 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	4.60 ug/L	
75-09-2	Methylene Chloride			not detected	2	2.40 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.60 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	1.20 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	7.80 ug/L	
78-93-3	2-Butanone			not detected	300	6.20 ug/L	
	cis-1,2-Dichloroethene			not detected	10	1.70 ug/L	
67-66-3	Chloroform			not detected	6	3.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	2.30 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.70 ug/L	
71-43-2	Benzene			not detected	1	2.30 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.80 ug/L	
79-01-6	Trichloroethene			not detected	1	2.30 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.50 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	6.50 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	6.90 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	5.90 ug/L	
108-88-3	Toluene			not detected	1000	3.70 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	8.70 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	4.80 ug/L	
127-18-4	Tetrachloroethene			not detected	1	3.20 ug/L	
591-78-6	2-Hexanone			not detected	nle	7.10 ug/L	
126-48-1	Dibromochloromethane			not detected	10	8.60 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.90 ug/L	
100-41-4	Ethylbenzene			not detected	700	6.50 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	11.40 ug/L	
1330-20-7	o-Xylene			not detected	nle	6.20 ug/L	
100-42-5	Styrene			not detected	100	5.60 ug/L	
75-25-2	Bromoform			not detected	4	7.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.70 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	5.50 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.70 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	6.40 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/14/99 3:20

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: Vblk114

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk114

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003715.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003745.D	Sample Name	Vblk115
Operator	Skelton	Field ID	Vblk115
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: Vblk115

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk115

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003745.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004683.D**
Operator **Skelton**
Date Acquired **5 Nov 1999 10:41 am**

Sample Name **Vblk144**
Field ID **Vblk144**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/10/99 10:17 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.: Vblk144

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk144

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004683.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004723.D
Operator Skelton
Date Acquired 8 Nov 1999 5:50 pm

Sample Name Vblk145
Field ID Vblk145
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk145**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk145

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004723.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004756.D**	Sample Name	**Vblk146**
Operator	**Skelton**	Field ID	**Vblk146**
Date Acquired	**12 Nov 1999 1:08 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/16/99 11:36 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk146**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk146

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004756.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004927.D**
Operator **Skelton**
Date Acquired **1 Dec 1999 11:16 am**

Sample Name **Vblk150**
Field ID **Vblk150**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.44	50578	2.69 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/7/99 3:47 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk150**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk150

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004927.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001406.D	Sample Name	Vblk38
Operator	Skelton	Field ID	Vblk38
Date Acquired	6 Dec 1999 4:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk38**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk38

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001406.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001469.D	Sample Name	Vblk39
Operator	Skelton	Field ID	Vblk39
Date Acquired	8 Dec 1999 6:59 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/11/99 10:06 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk39**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk39

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001469.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005103.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 9:47 am**

Sample Name **Vblk155**
Field ID **Vblk155**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk155**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk155

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005103.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005356.D**	Sample Name	**Vblk162**
Operator	**Skelton**	Field ID	**Vblk162**
Date Acquired	**7 Jan 2000 2:19 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk162**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk162

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005356.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005356.D	Sample Name	Vblk162
Operator	Skelton	Field ID	Vblk162
Date Acquired	7 Jan 2000 2:19 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk162**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk162

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005356.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005406.D**	Sample Name	**Vblk164**
Operator	**Skelton**	Field ID	**Vblk164**
Date Acquired	**10 Jan 2000 2:30 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/13/00 1:05 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk164**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk164

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005406.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/10/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005437.D	Sample Name	Vblk165
Operator	Skelton	Field ID	Vblk165
Date Acquired	11 Jan 2000 11:40 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk165**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk165

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005437.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001962.D**	Sample Name	**Vblk51**
Operator	**Skelton**	Field ID	**Vblk51**
Date Acquired	**11 Jan 2000 11:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/13/00 2:56 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk51**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk51

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001962.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002076.D**	Sample Name	**Vblk54**
Operator	**Skelton**	Field ID	**Vblk54**
Date Acquired	**17 Jan 2000 4:41 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk54**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk54

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002076.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005509.D**	Sample Name	**Vblk167**
Operator	**Skelton**	Field ID	**Vblk167**
Date Acquired	**17 Jan 2000 11:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk167**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk167

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005509.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005548.D**	Sample Name	**Vblk168**
Operator	**Skelton**	Field ID	**Vblk168**
Date Acquired	**18 Jan 2000 11:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk168**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk168

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005548.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005548.D**	Sample Name	**Vblk168**
Operator	**Skelton**	Field ID	**Vblk168**
Date Acquired	**18 Jan 2000 11:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk168**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk168

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005548.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

OC0168

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002108.D	Sample Name	Vblk55
Operator	Skelton	Field ID	Vblk55
Date Acquired	18 Jan 2000 3:32 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk55**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk55

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002108.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

AQUEOUS TRIP BLANKS

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02922.D	Sample Name	4328.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	10-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.60	95039	8.81 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4328.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02922.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02927.D**
Operator **Skelton**
Date Acquired **11-Mar-99**

Sample Name **4332.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02927.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB02957Q.D
Operator Skelton
Date Acquired 11-Mar-99

Sample Name 4334.01
Field ID Trip Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1A

FIELD ID

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02957Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q

000177

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03012.D	Sample Name	4339.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	15-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4339 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4339.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03012.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: not dec. _____ Date Analyzed: 3/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03057.D	Sample Name	4350.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	18-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4350.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03057.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03087.D	Sample Name	4355.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03087.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03137.D	Sample Name	4358.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03137.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03324.D	Sample Name	4368.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	1-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03324.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/1/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000187

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03356.D	Sample Name	4381.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03356.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03405.D	Sample Name	4396.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	7-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.60	150879	6.96 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4396.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03405.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: not dec. _____ Date Analyzed: 4/7/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003477.D	Sample Name	4407.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	16-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.61	63627	2.74 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4407.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003477.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: not dec. _____ Date Analyzed: 4/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000581-42-0	Naphthalene, 2,6-dimethyl-	37.40	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003587.D	Sample Name	4414.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	24-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003587.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003599.D
Operator Skelton
Date Acquired 26-Apr-99

Sample Name 4417.01
Field ID Trip Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003599.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003609.D	Sample Name	4422.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003609.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB003616.D**
Operator **Skelton**
Date Acquired **27-Apr-99**

Sample Name **4433.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003616.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VA006240.D
Operator: Deinhardt
Date Acquired: 3 May 1999 6:10 pm

Sample Name: 4442.01
Field ID: Trip Blank
Sample Multiplie: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/10/99 10:04 A

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006240.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000203

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003716.D	Sample Name	4445.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	10-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003716.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003736.D	Sample Name	4461.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003736.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003746.D	Sample Name	4465.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003746.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FIELD BLANKS

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02923.D	Sample Name	4328.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	10-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4328.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02923.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02928.D	Sample Name	4332.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/26/99 10:42

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02928.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB02958Q.D
Operator Skelton
Date Acquired 11-Mar-99

Sample Name 4334.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02958Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VB03013.D
Operator: Skelton
Date Acquired: 15-Mar-99

Sample Name: 4339.02
Field ID: Field Blank
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4339 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4339.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03013.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: not dec. _____ Date Analyzed: 3/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03058.D
Operator Skelton
Date Acquired 18-Mar-99

Sample Name 4350.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.58	38021	3.94 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER

Lab Sample ID: 4350.02

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB03058.D

Level: (low/med) LOW

Date Received: 3/16/99

% Moisture: not dec. _____

Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03088.D
Operator Skelton
Date Acquired 19-Mar-99

Sample Name 4355.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER

Lab Sample ID: 4355.02

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB03088.D

Level: (low/med) LOW

Date Received: 3/17/99

% Moisture: not dec. _____

Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03138.D
Operator Skelton
Date Acquired 23-Mar-99

Sample Name 4358.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.59	49148	4.03 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

4/6/99 11:45

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03138.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03325.D	Sample Name	4368.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	1-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03325.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/1/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03357.D	Sample Name	4381.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.60	77429	3.99 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03357.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB03406.D**
Operator **Skelton**
Date Acquired **7-Apr-99**

Sample Name **4396.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4396.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03406.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: not dec. _____ Date Analyzed: 4/7/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003478.D
Operator Skelton
Date Acquired 16-Apr-99

Sample Name 4407.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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4/27/99 10:12

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4407.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003478.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: not dec. _____ Date Analyzed: 4/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003588.D
Operator Skelton
Date Acquired 24-Apr-99

Sample Name 4414.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003588.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VB003600.D
Operator: Skelton
Date Acquired: 26-Apr-99

Sample Name: 4417.02
Field ID: Field Blank
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003600.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003610.D
Operator Skelton
Date Acquired 26-Apr-99

Sample Name 4422.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

4/27/99 3:52 P

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003610.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003617.D
Operator Skelton
Date Acquired 27-Apr-99

Sample Name 4433.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003617.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006241.D
Operator Deinhardt
Date Acquired 3 May 1999 6:44 pm

Sample Name 4442.02
Field ID Field Blank
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.95	40248	11.02 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006241.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003717.D	Sample Name	4445.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	10-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4445.02

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB003717.D

Level: (low/med) LOW

Date Received: 4/27/99

% Moisture: not dec. _____

Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003737.D	Sample Name	4461.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003737.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003747.D	Sample Name	4465.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003747.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004700.D**
Operator **Skelton**
Date Acquired **5 Nov 1999 10:01 pm**

Sample Name **4912.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.14	83954	13.35 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.44	103019	5.00 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004700.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004700.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004707.D
Operator Skelton
Date Acquired 6 Nov 1999 2:31 am

Sample Name 4915.02
Field ID Field Blank
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/10/99 10:45 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004707.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004774.D**
Operator **Skelton**
Date Acquired **13 Nov 1999 1:00 am**

Sample Name **4931.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/16/99 11:36 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4931.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004774.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004779.D
Operator Skelton
Date Acquired 13 Nov 1999 4:18 am

Sample Name 4933.02
Field ID Field Blank
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004779.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004937.D**
Operator **Skelton**
Date Acquired **1 Dec 1999 6:33 pm**

Sample Name **4968.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004937.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001430.D	Sample Name	4971.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	7 Dec 1999 8:53 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001430.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/7/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001414.D	Sample Name	4972.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	6 Dec 1999 9:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.17	185618	3.16 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001414.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001470.D	Sample Name	4979.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	8 Dec 1999 7:40 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/11/99 10:06 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001470.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001478.D**	Sample Name	**4990.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**9 Dec 1999 1:04 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.22	80801	1.18 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/11/99 10:06 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4990.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001478.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005113.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 4:45 pm**

Sample Name **4995.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.46	33086	1.02 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/13/99 1:07 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005113.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005357.D**	Sample Name	**5058.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**7 Jan 2000 3:10 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005357.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005373.D	Sample Name	5064.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	8 Jan 2000 1:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5064.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005373.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

UC0272

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005429.D**	Sample Name	**5072.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11 Jan 2000 6:09 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.46	52754	2.35 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005429.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001978.D**	Sample Name	**5075.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11 Jan 2000 10:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/13/00 2:56 PM

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000275

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5075.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001978.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005535.D**	Sample Name	**5091.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**18 Jan 2000 4:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.44	213906	4.92 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005535.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005568.D**	Sample Name	**5096.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**19 Jan 2000 1:13 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005568.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002136.D	Sample Name	5102.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	19 Jan 2000 10:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.23	205189	3.19 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5102.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002136.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FIELD DUPLICATES

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB03096.D**
Operator **Skelton**
Date Acquired **19-Mar-99**

Sample Name **4355.18**
Field ID **Field Dupe**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	50895	1.32 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	309390	11.68 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	79205	4.14 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03096.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.24	12	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	36.58	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003482.D
Operator Skelton
Date Acquired 16-Apr-99 .

Sample Name 4407.10
Field ID Field Dup
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	4/16 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4407 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4407.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003482.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: not dec. _____ Date Analyzed: ~~5/3/99~~ ~~5/10/99~~ 4/16/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003724.D	Sample Name	4445.16
Operator	Skelton	Field ID	Field Dup
Date Acquired	10-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.27	21597	4.74 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	219171	3.01 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.80	104043	1.35 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	889942	16.63 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	113794	3.52 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003724.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	14	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	35.99	7	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	36.96	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File: VB003754.D
Operator: Skelton
Date Acquired: 11-May-99

Sample Name: 4465.16
Field ID: Field Dup.
Sample Multiplier: 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	459812	9.66 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	70220	2.44 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003754.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004786.D
Operator Skelton
Date Acquired 13 Nov 1999 8:59 am

Sample Name 4933.16
Field ID Field Dup
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.14	75016	10.89 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.45	749670	26.80 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	1022602	12.70 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	3581001	61.73 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	125005	2.99 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Dup

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004786.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	32.14	11	JN
2. 000496-11-7	Indane	33.99	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001420.D	Sample Name	4972.14
Operator	Skelton	Field ID	Field Dup
Date Acquired	7 Dec 1999 1:21 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1302767	9.47 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	325543	3.25 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001420.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/7/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-82-7	Cyclohexane	17.44	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005119.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 8:46 pm**

Sample Name **4995.14**
Field ID **Field Dup**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	9.99	140219	88.24 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	658058	13.87 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	66152	1.97 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Dup

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005119.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.00	30	J

SAMPLES

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB02924.D
Operator Skelton
Date Acquired 10-Mar-99

Sample Name 4328.04
Field ID M2-31
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	48497	1.82 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 31

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4328.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02924.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB02925.D
Operator Skelton
Date Acquired 11-Mar-99

Sample Name 4328.06
Field ID M2-32
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	187383	4.58 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	675644	24.37 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	94083	4.70 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 32

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4328.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02925.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02926.D	Sample Name	4328.08
Operator	Skelton	Field ID	M2-33
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	195264	4.65 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	419940	14.60 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	48502	2.33 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/26/99 10:42

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 33

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4328 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4328.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02926.D

Level: (low/med) LOW Date Received: 3/8/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.24	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02929.D	Sample Name	4332.04
Operator	Skelton	Field ID	M2-34
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	201934	4.97 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	1824346	68.09 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	196334	10.14 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 34

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02929.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 8

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000620-14-4	Benzene, 1-ethyl-3-methyl-	33.20	7	JN
2. 000135-01-3	Benzene, 1,2-diethyl-	34.78	13	JN
3.	unknown	35.00	9	J
4. 000496-11-7	Indane	35.24	19	JN
5. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	35.99	17	JN
6. 000767-58-8	Indan, 1-methyl-	36.58	11	JN
7. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	36.96	9	JN
8. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	37.15	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02930.D	Sample Name	4332.06
Operator	Skelton	Field ID	M2-35
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	226389	5.43 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	1324430	45.46 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.27	57185	2.81 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	162105	7.70 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 35

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02930.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.24	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02931.D	Sample Name	4332.08
Operator	Skelton	Field ID	M2-36
Date Acquired	11-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	74254	1.76 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	962282	32.68 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.26	53752	2.61 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	203598	9.57 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 36**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02931.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB02932.D
Operator Skelton
Date Acquired 11-Mar-99

Sample Name 4332.10
Field ID M2-37
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 37

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4332 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4332.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02932.D

Level: (low/med) LOW Date Received: 3/9/99

% Moisture: not dec. _____ Date Analyzed: 3/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02959Q.D	Sample Name	4334.04
Operator	Skelton	Field ID	M-2 38
Date Acquired	12-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	301015	4.64 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	746665	17.70 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene	28.62	82191	1.12 ug/L	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	28.82	100175	3.49 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	29.92	227955	4.33 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	127717	4.19 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 38

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02959Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/12/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.15	8	J
2. 000098-82-8	Benzene, (1-methylethyl)-	30.79	12	JN
3. 000103-65-1	Benzene, propyl-	31.80	24	JN
4. 000095-63-6	Benzene, 1,2,4-trimethyl-	33.19	190	JN
5.	unknown	33.45	6	J
6. 000135-98-8	Benzene, (1-methylpropyl)-	33.63	7	JN
7. 000526-73-8	Benzene, 1,2,3-trimethyl-	34.41	58	JN
8. 000141-93-5	Benzene, 1,3-diethyl-	34.77	11	JN
9.	unknown	35.00	8	J
10. 000496-11-7	Indane	35.24	15	JN
11.	unknown	35.68	7	J
12.	unknown	35.78	8	J
13.	unknown	35.98	13	J
14. 000767-58-8	Indan, 1-methyl-	36.58	9	JN
15.	unknown	37.16	8	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02960Q.D	Sample Name	4334.06
Operator	Skelton	Field ID	M-2 39
Date Acquired	12-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	102697	1.63 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	384822	9.16 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	88148	2.90 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 39

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02960Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/12/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02961Q.D	Sample Name	4334.08
Operator	Skelton	Field ID	M-2 40
Date Acquired	12-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	215968	3.60 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	822016	20.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	125783	4.39 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 40

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02961Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/12/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.24	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02962Q.D	Sample Name	4334.10
Operator	Skelton	Field ID	M-2 41
Date Acquired	12-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	141653	2.43 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	922013	23.57 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.26	46475	1.70 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	212489	7.52 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 41

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02962Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/12/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02963Q.D	Sample Name	4334.12
Operator	Skelton	Field ID	M-2 42
Date Acquired	12-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	141630	2.47 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	565874	14.84 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.26	32142	1.21 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	159227	5.78 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 42

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4334 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4334.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02963Q.D

Level: (low/med) LOW Date Received: 3/10/99

% Moisture: not dec. _____ Date Analyzed: 3/12/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03014.D
Operator Skelton
Date Acquired 15-Mar-99

Sample Name 4339.04
Field ID M-2 43
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 43

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4339 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4339.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03014.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: not dec. _____ Date Analyzed: 3/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03015.D
Operator Skelton
Date Acquired 15-Mar-99

Sample Name 4339.06
Field ID M-2 44
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	160737	3.21 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	1786207	55.53 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	129655	5.58 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 44

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4339 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4339.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03015.D

Level: (low/med) LOW Date Received: 3/11/99

% Moisture: not dec. _____ Date Analyzed: 3/15/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03059.D	Sample Name	4350.04
Operator	Skelton	Field ID	M-2 45
Date Acquired	18-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	115278	3.03 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	425502	17.42 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	39536	2.24 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 45

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4350.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03059.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03060.D	Sample Name	4350.06
Operator	Skelton	Field ID	M-2 46
Date Acquired	18-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	85262	3.31 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 46

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4350.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03060.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.26	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03061.D	Sample Name	4350.08
Operator	Skelton	Field ID	M-2 47
Date Acquired	18-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	107375	2.72 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	200307	7.62 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	57624	3.03 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 47

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4350.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03061.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03062.D	Sample Name	4350.10
Operator	Skelton	Field ID	M-2 48
Date Acquired	18-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride	5.83	242166	15.75 ug/L	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene	13.65	34985	2.62 ug/L	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.01	972906	72.00 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	52335	1.30 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.50	157085	16.71 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.48	61428	6.51 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	177025	6.66 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	99082	5.16 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 48

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4350 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4350.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03062.D

Level: (low/med) LOW Date Received: 3/16/99

% Moisture: not dec. _____ Date Analyzed: 3/18/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	30.81	10	JN
2. 000103-65-1	Benzene, propyl-	31.81	12	JN
3. 000496-11-7	Indane	35.26	21	JN
4.	unknown	36.00	8	J
5. 027133-93-3	2,3-Dihydro-1-methylindene	36.59	12	JN
6.	unknown	36.97	8	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03089.D	Sample Name	4355.04
Operator	Skelton	Field ID	M-2 49
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 49

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03089.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000470-82-6	Eucalyptol	34.31	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03090.D	Sample Name	4355.06
Operator	Skelton	Field ID	M-2 50
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.81	39569	1.06 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	202687	8.64 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	54635	3.22 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 50

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03090.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000338

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03091.D	Sample Name	4355.08
Operator	Skelton	Field ID	M-2 51
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	80276	2.24 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	359058	15.08 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	94768	5.51 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

4/6/99 11:30 AM

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000339

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 51

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03091.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	13	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03092.D	Sample Name	4355.10
Operator	Skelton	Field ID	M-2 52
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	45721	1.26 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	286166	11.64 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	67593	3.80 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 52

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03092.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03093.D	Sample Name	4355.12
Operator	Skelton	Field ID	M-2 53
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	38298	1.53 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	33366	1.84 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 53

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03093.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03094.D	Sample Name	4355.14
Operator	Skelton	Field ID	M-2 54
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	64951	2.57 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	58830	3.22 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 54

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03094.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	8	JN
2. 027133-93-3	2,3-Dihydro-1-methylindene	36.58	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03095.D	Sample Name	4355.16
Operator	Skelton	Field ID	M-2 55
Date Acquired	19-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 55

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4355 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4355.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03095.D

Level: (low/med) LOW Date Received: 3/17/99

% Moisture: not dec. _____ Date Analyzed: 3/19/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	35.99	8	JN
2. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	37.16	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03139.D	Sample Name	4358.04
Operator	Skelton	Field ID	M-2 56
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	130326	2.87 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	666152	22.41 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	100019	4.66 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 56

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03139.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03140.D	Sample Name	4358.06
Operator	Skelton	Field ID	M-2 57
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	85736	1.88 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	722458	23.95 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	53400	2.45 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 57

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03140.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03141.D	Sample Name	4358.08
Operator	Skelton	Field ID	M-2 58
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	66161	1.50 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	995461	33.98 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	42885	2.09 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	68547	3.24 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 58**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03141.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03142.D	Sample Name	4358.10
Operator	Skelton	Field ID	M-2 59
Date Acquired	23-Mar-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	642358	22.39 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.26	38219	1.91 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	158802	7.66 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 59

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4358 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4358.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03142.D

Level: (low/med) LOW Date Received: 3/18/99

% Moisture: not dec. _____ Date Analyzed: 3/23/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03326.D
Operator Skelton
Date Acquired 1-Apr-99

Sample Name 4368.04
Field ID M-2 59A
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	48194	0.55 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	987222	17.00 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.29	60406	1.49 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	227470	5.42 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 59A

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03326.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/1/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03327.D
Operator Skelton
Date Acquired 1-Apr-99

Sample Name 4368.06
Field ID M-2 60
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	370951	4.14 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1984467	32.32 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	59327	1.38 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	209988	4.73 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.49	44160	1.10 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 60**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03327.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/1/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.26	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03328.D
Operator Skelton
Date Acquired 2-Apr-99

Sample Name 4368.08
Field ID M-2 61
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.86	372988	4.01 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1480919	23.13 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.29	37749	0.84 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	192173	4.15 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.49	38648	0.93 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 61

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03328.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.26	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03329.D	Sample Name	4368.10
Operator	Skelton	Field ID	M-2 62
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	185434	2.02 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1851019	28.77 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.27	50284	1.12 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	137531	2.96 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 62

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03329.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03330.D	Sample Name	4368.12
Operator	Skelton	Field ID	M-2 63
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	162297	1.77 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1752217	27.77 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	56439	1.28 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	136621	3.00 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 63

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03330.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03331.D	Sample Name	4368.14
Operator	Skelton	Field ID	M-2 64
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	657278	10.53 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	78101	1.73 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 64

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03331.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03332.D	Sample Name	4368.16
Operator	Skelton	Field ID	M-2 65
Date Acquired	2-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	372751	6.12 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	44411	1.01 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 65

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4368 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4368.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03332.D

Level: (low/med) LOW Date Received: 3/23/99

% Moisture: not dec. _____ Date Analyzed: 4/2/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03358.D
Operator Skelton
Date Acquired 3-Apr-99

Sample Name 4381.04
Field ID M-2 66
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	254635	3.51 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.81	114666	1.50 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	135164	2.58 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene	28.63	264703	3.15 ug/L	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	28.83	144724	4.27 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	29.93	115292	2.02 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 66

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03358.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/3/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	33.20	7	JN
2. 000496-11-7	Indane	35.25	22	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03359.D
Operator Skelton
Date Acquired 3-Apr-99

Sample Name 4381.06
Field ID M-2 67
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	208787	2.91 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	1402259	26.99 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	230412	6.65 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 67

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03359.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/3/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-20-3	Naphthalene	30.98	62	JN
2. 000496-11-7	Indane	35.25	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03360.D
Operator Skelton
Date Acquired 3-Apr-99

Sample Name 4381.08
Field ID M-2 68
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	272734	5.13 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	101666	2.87 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 68**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03360.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/3/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03361.D	Sample Name	4381.10
Operator	Skelton	Field ID	M-2 69
Date Acquired	3-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 69

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03361.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/3/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03362.D
Operator Skelton
Date Acquired 3-Apr-99

Sample Name 4381.12
Field ID M-2 70
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	47612	1.00 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 70

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4381 SDG No _____ Location M2

Matrix: (soil/water) WATER Lab Sample ID: 4381.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03362.D

Level: (low/med) LOW Date Received: 3/30/99

% Moisture: not dec. _____ Date Analyzed: 4/3/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB03407.D	Sample Name	4396.04
Operator	Skelton	Field ID	M-2 71
Date Acquired	7-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	137761	1.75 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	690630	12.20 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	52443	1.39 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 71

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4396.04

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB03407.D

Level: (low/med) LOW

Date Received: 4/6/99

% Moisture: not dec. _____

Date Analyzed: 4/7/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB03408.D**
Operator **Skelton**
Date Acquired **7-Apr-99**

Sample Name **4396.06**
Field ID **M-2 72**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	290979	3.66 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1194127	20.04 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	112934	2.84 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M-2 72**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4396.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03408.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: not dec. _____ Date Analyzed: 4/7/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.25	12	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB03409.D
Operator Skelton
Date Acquired 7-Apr-99

Sample Name 4396.08
Field ID M-2 73
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	294695	3.70 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.81	472265	5.65 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1150310	19.28 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	28.84	64941	1.68 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	39635	1.02 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	120382	3.03 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: M-2 73

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4396 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4396.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB03409.D

Level: (low/med) LOW Date Received: 4/6/99

% Moisture: not dec. _____ Date Analyzed: 4/7/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-20-3	Naphthalene	30.96	47	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003479.D
Operator Skelton
Date Acquired 16-Apr-99

Sample Name 4407.04
Field ID M-2 74
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.86	200455	2.34 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	668973	11.03 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.54	126570	3.20 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	126570	3.13 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 74

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4407.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003479.D

Level: (low/med) LOW Date Received: 4/9/99

% Moisture: not dec. _____ Date Analyzed: 4/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003480.D
Operator Skelton
Date Acquired 16-Apr-99

Sample Name 4407.06
Field ID M-2 75
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.86	197519	2.39 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	751371	12.96 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	41030	1.09 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	134434	3.48 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.49	40284	1.12 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 75

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4407.06

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB003480.D

Level: (low/med) LOW

Date Received: 4/9/99

% Moisture: not dec. _____

Date Analyzed: 4/16/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003481.D
Operator Skelton
Date Acquired 16-Apr-99

Sample Name 4407.08
Field ID M-2 76
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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4/27/99 10:12 A

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 76

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4407 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4407.08

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB003481.D

Level: (low/med) LOW

Date Received: 4/9/99

% Moisture: not dec. _____

Date Analyzed: 4/16/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB003589.D**
Operator **Skelton**
Date Acquired **24-Apr-99**

Sample Name **4414.04**
Field ID **77**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	278571	6.76 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	57786	2.10 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

4/27/99 2:46

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 77

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003589.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.27	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003590.D	Sample Name	4414.06
Operator	Skelton	Field ID	78
Date Acquired	24-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	12.58	53325	1.25 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	235857	5.44 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.55	39037	1.35 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 78

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003590.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003591.D	Sample Name	4414.08
Operator	Skelton	Field ID	79
Date Acquired	24-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.86	142271	2.41 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	308386	7.09 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	47529	1.64 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 79

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003591.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.26	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003592.D
Operator Skelton
Date Acquired 24-Apr-99

Sample Name 4414.10
Field ID 80
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.28	85866	24.26 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	55372	1.21 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 80

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4414 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4414.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003592.D

Level: (low/med) LOW Date Received: 4/13/99

% Moisture: not dec. _____ Date Analyzed: 4/24/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB003601.D**
Operator **Skelton**
Date Acquired **26-Apr-99**

Sample Name **4417.04**
Field ID **81**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	74555	1.78 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 81

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003601.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003602.D
Operator Skelton
Date Acquired 26-Apr-99

Sample Name 4417.06
Field ID 82
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 82

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003602.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003603.D	Sample Name	4417.08
Operator	Skelton	Field ID	83
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	242232	5.49 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.55	55822	1.90 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 83

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003603.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.28	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003604.D	Sample Name	4417.10
Operator	Skelton	Field ID	84
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	92399	2.03 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 84

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003604.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003605.D	Sample Name	4417.12
Operator	Skelton	Field ID	85
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	232030	4.90 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.55	33816	1.07 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 85

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003605.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003606.D	Sample Name	4417.14
Operator	Skelton	Field ID	86
Date Acquired	26-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	214638	4.74 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 86

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4417 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4417.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003606.D

Level: (low/med) LOW Date Received: 4/14/99

% Moisture: not dec. _____ Date Analyzed: 4/26/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003611.D	Sample Name	4422.04
Operator	Skelton	Field ID	87
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.55	43643	1.10 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 87

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003611.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 007446-09-5	Sulfur dioxide	4.65	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003612.D	Sample Name	4422.06
Operator	Skelton	Field ID	88
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 88

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003612.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003613.D	Sample Name	4422.08
Operator	Skelton	Field ID	89
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 89

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003613.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003614.D	Sample Name	4422.10
Operator	Skelton	Field ID	90
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	90968	1.62 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	356445	9.05 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.54	58800	2.29 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	58800	2.24 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 90

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4422.10

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB003614.D

Level: (low/med) LOW

Date Received: 4/16/99

% Moisture: not dec. _____

Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.26	9	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	36.00	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003615.D	Sample Name	4422.12
Operator	Skelton	Field ID	91
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.86	110715	1.92 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	422423	9.24 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	101229	3.32 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 91

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4422 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4422.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003615.D

Level: (low/med) LOW Date Received: 4/16/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	30.81	7	JN
2. 000103-65-1	Benzene, propyl-	31.82	7	JN
3. 000496-11-7	Indane	35.26	11	JN
4. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	36.00	10	JN
5. 000767-58-8	Indan, 1-methyl-	36.59	7	JN
6. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	36.97	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003618.D
Operator Skelton
Date Acquired 27-Apr-99

Sample Name 4433.04
Field ID 92
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	91120	2.10 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	67441	2.33 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 92

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003618.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	31.82	9	JN
2. 000105-05-5	Benzene, 1,4-diethyl-	34.79	7	JN
3. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	36.00	13	JN
4. 027133-93-3	2,3-Dihydro-1-methylindene	36.59	7	JN
5. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	36.98	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003619.D	Sample Name	4433.06
Operator	Skelton	Field ID	93
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	232359	4.88 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	118564	3.73 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 93

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003619.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003620.D	Sample Name	4433.08
Operator	Skelton	Field ID	94
Date Acquired	27-Apr-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	208173	4.42 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	96845	3.09 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 94

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003620.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003622.D
Operator Skelton
Date Acquired 27-Apr-99

Sample Name 4433.10
Field ID 95
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	12.56	89536	2.05 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	254797	4.08 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	1005278	23.11 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.28	35995	1.27 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.54	90712	3.13 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.49	39665	1.47 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 96

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4433 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4433.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003621.D

Level: (low/med) LOW Date Received: 4/21/99

% Moisture: not dec. _____ Date Analyzed: 4/27/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006242.D
Operator Deinhardt
Date Acquired 3 May 1999 7:18 pm

Sample Name 4442.04
Field ID 97
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.95	27239	7.64 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.24	63402	1.89 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	21.67	54358	2.58 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

5/10/99 10:05

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 97

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006242.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.24	34	J
2. 000098-82-8	Benzene, (1-methylethyl)-	23.82	16	JN
3. 000103-65-1	Benzene, propyl-	24.77	27	JN
4. 002847-72-5	Decane, 4-methyl-	25.03	26	JN
5.	unknown	25.92	14	J
6.	unknown	26.04	13	J
7. 001678-93-9	Cyclohexane, butyl-	26.28	24	JN
8. 000141-93-5	Benzene, 1,3-diethyl-	27.46	43	JN
9. 000493-02-7	Naphthalene, decahydro-, trans-	27.76	13	JN
10.	unknown	27.86	30	J
11.	unknown	27.95	19	J
12. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	28.51	34	JN
13. 029949-27-7	n-Amylcyclohexane	28.93	15	JN
14.	unknown	29.02	36	J
15. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	29.35	20	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006243.D
Operator Deinhardt
Date Acquired 3 May 1999 7:53 pm

Sample Name 4442.06
Field ID 98
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.95	32115	9.16 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.23	65917	2.02 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	21.67	57229	2.71 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 98

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006243.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 13

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	22.35	25	J
2. 000098-82-8	Benzene, (1-methylethyl)-	23.82	16	JN
3. 000103-65-1	Benzene, propyl-	24.77	22	JN
4.	unknown	25.02	8	J
5.	unknown	26.28	8	J
6. 000135-01-3	Benzene, 1,2-diethyl-	27.46	20	JN
7.	unknown	27.66	9	J
8. 000496-11-7	Indane	27.85	19	JN
9. 000135-01-3	Benzene, 1,2-diethyl-	27.96	6	JN
10. 000535-77-3	Benzene, 1-methyl-3-(1-methylel	28.51	28	JN
11.	unknown	28.85	8	J
12. 000767-58-8	Indan, 1-methyl-	29.01	18	JN
13. 000535-77-3	Benzene, 1-methyl-3-(1-methylel	29.35	19	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006244.D
Operator Deinhardt
Date Acquired 3 May 1999 8:27 pm

Sample Name 4442.08
Field ID 99
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.94	36915	10.23 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 99

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006244.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006245.D
Operator Deinhardt
Date Acquired 3 May 1999 9:01 pm

Sample Name 4442.10
Field ID 100
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.94	40334	11.00 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 100

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006245.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VA006246.D
Operator Deinhardt
Date Acquired 3 May 1999 9:35 pm

Sample Name 4442.12
Field ID 101
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	7.96	44327	12.94 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.23	38659	1.20 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	21.67	301805	14.46 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 101

Lab Name: FMETL Project 980211

NJDEP # 13461 Case No.: 4442 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4442.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006246.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/3/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	27.85	10	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003718.D	Sample Name	4445.04
Operator	Skelton	Field ID	102
Date Acquired	10-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	264529	4.41 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.79	106902	1.68 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	866496	19.39 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	104932	3.89 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 102

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003718.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	31.80	9	JN
2. 000496-11-7	Indane	35.24	18	JN
3. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	35.98	14	JN
4. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	36.37	7	JN
5. 000767-58-8	Indan, 1-methyl-	36.57	8	JN
6. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	36.95	12	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003719.D
Operator Skelton
Date Acquired 10-May-99

Sample Name 4445.06
Field ID 103
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.26	21240	4.82 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	177856	2.62 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	24.80	83088	1.15 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	831588	15.43 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	142113	4.37 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 103

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER

Lab Sample ID: 4445.06

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: VB003719.D

Level: (low/med) LOW

Date Received: 4/27/99

% Moisture: not dec. _____

Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	35.24	15	JN
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	35.98	8	JN
3. 000767-58-8	Indan, 1-methyl-	36.57	6	JN
4. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	36.96	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003720.D
Operator Skelton
Date Acquired 10-May-99

Sample Name 4445.08
Field ID 104
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.25	36784	8.05 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	12.54	86813	1.72 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.49	13349	2.46 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.82	267524	3.68 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	839194	14.78 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.27	40198	1.17 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	308583	9.00 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.47	54267	1.63 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 104

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003720.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	30.79	7	JN
2. 000103-65-1	Benzene, propyl-	31.80	15	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	34.77	6	JN
4. 000496-11-7	Indane	35.24	14	JN
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	35.98	15	JN
6. 000767-58-8	Indan, 1-methyl-	36.57	8	JN
7. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	36.95	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003721.D
Operator Skelton
Date Acquired 10-May-99

Sample Name 4445.10
Field ID 105
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 105

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003721.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003722.D
Operator Skelton
Date Acquired 10-May-99

Sample Name 4445.12
Field ID 106
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 106

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003722.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003723.D	Sample Name	4445.14
Operator	Skelton	Field ID	107
Date Acquired	10-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	1350275	25.71 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	139324	4.40 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 107

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4445 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4445.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003723.D

Level: (low/med) LOW Date Received: 4/27/99

% Moisture: not dec. _____ Date Analyzed: 5/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002471-84-3	1H-Indene, 1-methylene-	30.79	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003738.D
Operator Skelton
Date Acquired 11-May-99

Sample Name 4461.04
Field ID 108
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.28	34203	9.08 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.82	80623	1.43 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	1795792	42.54 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	100807	3.96 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 108

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003738.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003739.D	Sample Name	4461.06
Operator	Skelton	Field ID	109
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.29	30456	7.72 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	79859	1.37 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	2033712	45.15 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	204430	7.52 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 109

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003739.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003740.D	Sample Name	4461.08
Operator	Skelton	Field ID	110
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.31	9629	2.39 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	98974	1.66 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	2632598	57.37 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	246522	8.90 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 110

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003740.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003741.D	Sample Name	4461.10
Operator	Skelton	Field ID	111
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.28	14402	3.50 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.83	67614	1.12 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 111

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003741.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003742.D	Sample Name	4461.12
Operator	Skelton	Field ID	112
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 112

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4461 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4461.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003742.D

Level: (low/med) LOW Date Received: 5/4/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003748.D
Operator Skelton
Date Acquired 11-May-99

Sample Name 4465.04
Field ID M-2 113
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	461651	10.02 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	60244	2.17 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 113

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003748.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003749.D
Operator Skelton
Date Acquired 11-May-99

Sample Name 4465.06
Field ID M-2 114
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	438291	8.83 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	56750	1.89 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 114

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003749.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB003750.D
Operator Skelton
Date Acquired 11-May-99

Sample Name 4465.08
Field ID M-2 115
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	421313	8.41 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.52	63748	2.11 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 115

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003750.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003751.D	Sample Name	4465.10
Operator	Skelton	Field ID	M-2 116
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.27	19199	4.34 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 116

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003751.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003752.D	Sample Name	4465.12
Operator	Skelton	Field ID	M-2 117
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.52	141093	2.97 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 117

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003752.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB003753.D	Sample Name	4465.14
Operator	Skelton	Field ID	M-2 118
Date Acquired	11-May-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.27	10333	2.43 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 118

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 4465 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4465.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB003753.D

Level: (low/med) LOW Date Received: 5/6/99

% Moisture: not dec. _____ Date Analyzed: 5/11/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004701.D
Operator Skelton
Date Acquired 5 Nov 1999 10:39 pm

Sample Name 4912.04
Field ID 64-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.17	75350	12.02 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	643511	11.62 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	56667	1.39 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **64-A**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004701.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	7.27	11	J
2.	unknown hydrocarbon	16.04	9	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004702.D**
Operator **Skelton**
Date Acquired **5 Nov 1999 11:18 pm**

Sample Name **4912.06**
Field ID **65-A**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	90350	1.17 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	413675	7.57 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	109082	2.71 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 65-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004702.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	32.13	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004703.D
Operator Skelton
Date Acquired 5 Nov 1999 11:57 pm

Sample Name 4912.08
Field ID 66-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.36	330997	53.79 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.53	1674600	188.10 ug/L	300	0.62 ug/L	E
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	167157	2.15 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.84	137177	1.62 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	671344	11.94 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene	27.67	131437	1.42 ug/L	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.87	52307	1.49 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	28.97	66435	1.00 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	78844	1.90 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **66-A**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004703.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000078-92-2	2-Butanol	15.33	54	JN
2. 000275-51-4	Azulene	32.70	6	JN
3. 000496-11-7	Indane	33.97	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004745.D**
Operator **Skelton**
Date Acquired **9 Nov 1999 8:43 am**

Sample Name **4912.08**
Field ID **66-A**
Sample Multiplie **2**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	3.70 ug/L	
107131	Acrylonitrile			not detected	50	5.56 ug/L	
75650	tert-Butyl alcohol			not detected	nle	17.04 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.32 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.50 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.36 ug/L	
74-87-3	Chloromethane			not detected	30	2.32 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.12 ug/L	
74-83-9	Bromomethane			not detected	10	2.20 ug/L	
75-00-3	Chloroethane			not detected	nle	2.02 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.48 ug/L	
67-64-1	Acetone	9.30	203056	83.35 ug/L	700	2.72 ug/L	D
75-15-0	Carbon Disulfide			not detected	nle	0.92 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.48 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.32 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.24 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.56 ug/L	
78-93-3	2-Butanone	15.54	661517	186.75 ug/L	300	1.24 ug/L	D
	cis-1,2-Dichloroethene			not detected	10	0.34 ug/L	
67-66-3	Chloroform			not detected	6	0.60 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.46 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.94 ug/L	
71-43-2	Benzene	18.85	70971	2.49 ug/L	1	0.46 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.36 ug/L	
79-01-6	Trichloroethene			not detected	1	0.46 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.80 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.10 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.30 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.38 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.18 ug/L	
108-88-3	Toluene	23.84	41431	1.48 ug/L	1000	0.74 ug/L	D
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.74 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.96 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.64 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.42 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.72 ug/L	
108-90-7	Chlorobenzene	27.57	148380	11.60 ug/L	4	0.78 ug/L	D
100-41-4	Ethylbenzene			not detected	700	1.30 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.28 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.24 ug/L	
100-42-5	Styrene			not detected	100	1.12 ug/L	
75-25-2	Bromoform			not detected	4	1.40 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.94 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.10 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.14 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.28 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004704.D
Operator Skelton
Date Acquired 6 Nov 1999 12:35 am

Sample Name 4912.10
Field ID 67-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	214248	2.75 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.84	111450	1.31 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	917604	16.36 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.87	90863	2.59 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	28.97	88543	1.34 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	131107	3.17 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **67-A**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004704.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	30.82	6	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	32.12	8	JN
3.	unknown hydrocarbon	32.35	6	J
4. 000275-51-4	Azulene	32.69	24	JN
5. 000496-11-7	Indane	33.97	15	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004705.D
Operator Skelton
Date Acquired 6 Nov 1999 1:14 am

Sample Name 4912.12
Field ID 68-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	1148592	20.47 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	97961	2.37 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **68-A**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004705.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000275-51-4	Azulene	32.69	29	JN

OC0487

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004706.D
Operator Skelton
Date Acquired 6 Nov 1999 1:53 am

Sample Name 4912.14
Field ID 69-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	250325	4.52 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.88	48311	1.39 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	98180	2.41 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 69-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4912.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004706.D

Level: (low/med) LOW Date Received: 11/3/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	31.82	10	JN
2. 000090-12-0	Naphthalene, 1-methyl-	33.74	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004708.D**
Operator **Skelton**
Date Acquired **6 Nov 1999 3:10 am**

Sample Name **4915.04**
Field ID **64-B**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	87760	1.12 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	2356407	42.09 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.32	153253	3.72 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 64-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004708.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000451

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004709.D**
Operator **Skelton**
Date Acquired **6 Nov 1999 3:49 am**

Sample Name **4915.06**
Field ID **65-B**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	98302	1.25 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	2519257	46.35 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	157473	3.94 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/10/99 10:45 AM

C:\Hpchem\Custrpt\Volatile\624fy99.crt

000492

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 65-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004709.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004710.D	Sample Name	4915.08
Operator	Skelton	Field ID	66-B
Date Acquired	6 Nov 1999 4:28 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	298742	3.82 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1157281	21.25 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	165829	4.13 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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11/10/99 10:45 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **66-B**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004710.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004711.D
Operator Skelton
Date Acquired 6 Nov 1999 5:07 am

Sample Name 4915.10
Field ID 67-B
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.36	60527	1.10 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	316901	4.05 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	749578	13.46 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	151387	3.69 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **67-B**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004711.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004725.D
Operator Skelton
Date Acquired 8 Nov 1999 7:08 pm

Sample Name 4915.12
Field ID 68-B
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	146535	2.17 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	389772	8.92 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	72219	2.95 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **68-B**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004725.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004726.D**
Operator **Skelton**
Date Acquired **8 Nov 1999 7:47 pm**

Sample Name **4915.14**
Field ID **69-B**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	80143	1.71 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	261915	3.84 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	971221	24.21 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.32	106926	4.76 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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11/10/99 10:43 AM

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 69-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4915.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004726.D

Level: (low/med) LOW Date Received: 11/4/99

% Moisture: not dec. _____ Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004775.D
Operator Skelton
Date Acquired 13 Nov 1999 1:39 am

Sample Name 4931.04
Field ID 113-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1819885	32.01 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	73078	1.88 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	424827	10.36 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	84691	2.27 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 113-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4931.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004775.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004776.D
Operator Skelton
Date Acquired 13 Nov 1999 2:19 am

Sample Name 4931.06
Field ID 114-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.16	70346	10.39 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	139496	1.88 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	879205	15.37 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 114-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4931.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004776.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.98	12	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004777.D
Operator Skelton
Date Acquired 13 Nov 1999 2:58 am

Sample Name 4931.08
Field ID 115-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	288561	3.86 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	821543	14.12 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	59610	1.42 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/16/99 11:36 AM

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000506

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4931.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004777.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	28.61	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004778.D
Operator Skelton
Date Acquired 13 Nov 1999 3:38 am

Sample Name 4931.10
Field ID 116-A
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4931.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004778.D

Level: (low/med) LOW Date Received: 11/8/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004780.D	Sample Name	4933.04
Operator	Skelton	Field ID	117-A
Date Acquired	13 Nov 1999 4:58 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	328313	4.23 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1140411	20.31 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	117873	2.91 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117-A

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004780.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004781.D	Sample Name	4933.06
Operator	Skelton	Field ID	114-B
Date Acquired	13 Nov 1999 5:38 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	1139553	14.67 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	3730832	65.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	140916	3.44 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 114-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004781.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.98	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004782.D
Operator Skelton
Date Acquired 13 Nov 1999 6:18 am

Sample Name 4933.08
Field ID 115-B
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.45	721021	26.06 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	1041043	13.33 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	4048010	70.53 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.11	47042	1.20 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	166641	4.02 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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11/16/99 11:36 AM

000514

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004782.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	32.14	16	JN
2. 000496-11-7	Indane	33.98	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004783.D
Operator Skelton
Date Acquired 13 Nov 1999 6:58 am

Sample Name 4933.10
Field ID 116-B
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

11/16/99 11:36 AM

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000516

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004783.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004784.D
Operator Skelton
Date Acquired 13 Nov 1999 7:38 am

Sample Name 4933.12
Field ID 117-B
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	419008	5.18 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	567311	9.90 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.35	82498	1.99 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004784.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000076-22-2	Camphor	29.04	11	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004785.D	Sample Name	4933.14
Operator	Skelton	Field ID	118-B
Date Acquired	13 Nov 1999 8:18 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	128608	1.57 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	221844	3.84 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 118-B

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4933.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004785.D

Level: (low/med) LOW Date Received: 11/10/99

% Moisture: not dec. _____ Date Analyzed: 11/13/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004938.D**
Operator **Skelton**
Date Acquired **1 Dec 1999 7:13 pm**

Sample Name **4968.04**
Field ID **114-C**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	704005	9.47 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.85	193853	2.29 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	4248223	80.15 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.88	65720	2.06 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	28.98	87330	1.42 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	411759	11.05 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 114-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004938.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	30.83	11	JN
2. 000141-93-5	Benzene, 1,3-diethyl-	33.59	10	JN
3.	unknown	33.78	7	J
4. 000496-11-7	Indane	33.98	27	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004939.D
Operator Skelton
Date Acquired 1 Dec 1999 7:53 pm

Sample Name 4968.06
Field ID 115-C
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	658385	8.84 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	2144476	40.81 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	81781	2.21 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004939.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 9

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 027133-93-3	2,3-Dihydro-1-methylindene	27.11	19	JN
2. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	27.86	16	JN
3.	unknown	28.58	23	J
4.	unknown	29.25	7	J
5.	unknown	31.04	13	J
6.	unknown	32.35	18	J
7.	unknown	32.87	7	J
8. 000496-11-7	Indane	33.98	10	JN
9.	unknown	34.42	7	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004940.D
Operator Skelton
Date Acquired 1 Dec 1999 8:34 pm

Sample Name 4968.08
Field ID 116-C
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.14	52548	8.40 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	358486	4.68 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	2606102	48.22 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	108815	2.86 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4968.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004940.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	31.80	28	JN
2. 000091-57-6	Naphthalene, 2-methyl-	33.71	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004941.D
Operator Skelton
Date Acquired 1 Dec 1999 9:14 pm

Sample Name 4968.10
Field ID 117-C
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/7/99 3:47 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004941.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004942.D**
Operator **Skelton**
Date Acquired **1 Dec 1999 9:54 pm**

Sample Name **4968.12**
Field ID **118-C**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.13	114070	18.59 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.52	58598	6.40 ug/L	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	305642	4.03 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	734595	13.57 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	131308	3.45 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 118-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004942.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	29.05	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File VB004943.D
Operator Skelton
Date Acquired 1 Dec 1999 10:34 pm

Sample Name 4968.14
Field ID 119-C
Sample Multiplie 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.14	53800	8.83 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	197755	2.59 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	469422	8.58 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	84876	2.21 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 119-C

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4968.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004943.D

Level: (low/med) LOW Date Received: 11/30/99

% Moisture: not dec. _____ Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001407.D	Sample Name	4971.04
Operator	Skelton	Field ID	113-D
Date Acquired	6 Dec 1999 4:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.60	604837	2.53 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	3414139	19.33 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	221653	1.72 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **113-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001407.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001408.D	Sample Name	4971.06
Operator	Skelton	Field ID	114-D
Date Acquired	6 Dec 1999 5:24 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.60	954949	4.02 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.62	320348	1.21 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	2672571	15.18 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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000536

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 114-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001408.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.77	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001409.D	Sample Name	4971.08
Operator	Skelton	Field ID	115-D
Date Acquired	6 Dec 1999 6:04 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.10	195887	1.13 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	911220	3.87 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	3020643	17.44 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.11	146298	1.16 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 115-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001409.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	34.44	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001410.D	Sample Name	4971.10
Operator	Skelton	Field ID	116-D
Date Acquired	6 Dec 1999 6:43 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	577950	2.46 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	2290936	12.99 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/8/99 10:34 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 116-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001410.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001411.D	Sample Name	4971.12
Operator	Skelton	Field ID	117-D
Date Acquired	6 Dec 1999 7:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4971.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001411.D

Level: (low/med) LOW Date Received: 12/1/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001415.D	Sample Name	4972.04
Operator	Skelton	Field ID	118-D
Date Acquired	6 Dec 1999 10:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **118-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001415.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001431.D	Sample Name	4972.06
Operator	Skelton	Field ID	113-E
Date Acquired	7 Dec 1999 9:37 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.54	1450868	23.96 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.14	288729	6.55 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 113-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001431.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/7/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.73	6	J
2.	unknown	7.07	30	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001417.D	Sample Name	4972.08
Operator	Skelton	Field ID	114-E
Date Acquired	6 Dec 1999 11:22 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.49	501790	13.98 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.14	93536	3.58 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001417.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/6/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	5.83	2400	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001418.D	Sample Name	4972.10
Operator	Skelton	Field ID	115-E
Date Acquired	7 Dec 1999 12:01 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.10	137019	1.60 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.60	348143	2.13 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	731067	6.69 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	116165	1.46 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 115-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4972.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001418.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. Date Analyzed: 12/7/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-67-8	Benzene, 1,3,5-trimethyl-	31.92	5	JN
2. 025155-15-1	Benzene, methyl(1-methylethyl)-	32.63	4	JN
3. 000135-01-3	Benzene, 1,2-diethyl-	33.37	5	JN
4.	unknown	33.56	4	J
5. 000496-11-7	Indane	33.77	5	JN
6. 000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	34.44	9	JN
7. 027133-93-3	2,3-Dihydro-1-methylindene	34.94	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001419.D	Sample Name	4972.12
Operator	Skelton	Field ID	116-E
Date Acquired	7 Dec 1999 12:41 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.60	846096	4.60 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.33	1762692	12.85 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	262278	2.62 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 116-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4972.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001419.D

Level: (low/med) LOW Date Received: 12/2/99

% Moisture: not dec. _____ Date Analyzed: 12/7/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 10

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	29.62	4	JN
2. 000103-65-1	Benzene, propyl-	30.61	4	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	31.92	7	JN
4. 000135-98-8	Benzene, (1-methylpropyl)-	32.32	3	JN
5. 000099-87-6	Benzene, 1-methyl-4-(1-methylet	32.63	3	JN
6. 000105-05-5	Benzene, 1,4-diethyl-	33.37	6	JN
7.	unknown	33.57	4	J
8. 000496-11-7	Indane	33.77	9	JN
9. 002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	34.44	11	JN
10. 000767-58-8	Indan, 1-methyl-	34.94	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001471.D	Sample Name	4979.04
Operator	Skelton	Field ID	117-E
Date Acquired	8 Dec 1999 8:21 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 117-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001471.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001472.D	Sample Name	4979.06
Operator	Skelton	Field ID	118-E
Date Acquired	8 Dec 1999 9:02 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **118-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001472.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001473.D	Sample Name	4979.08
Operator	Skelton	Field ID	64-C
Date Acquired	8 Dec 1999 9:42 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.89	53629	3.61 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 64-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001473.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001474.D	Sample Name	4979.10
Operator	Skelton	Field ID	65-C
Date Acquired	8 Dec 1999 10:23 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.22	91632	1.34 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/11/99 10:06 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 65-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001474.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001475.D	Sample Name	4979.12
Operator	Skelton	Field ID	66-C
Date Acquired	8 Dec 1999 11:03 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.22	90983	1.32 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001475.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001476.D	Sample Name	4979.14
Operator	Skelton	Field ID	67-C
Date Acquired	8 Dec 1999 11:44 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	210602	1.12 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	763446	5.85 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.13	86375	1.01 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 67-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001476.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001477.D	Sample Name	4979.16
Operator	Skelton	Field ID	68-C
Date Acquired	9 Dec 1999 12:24 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	302059	2.36 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 68-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4979.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001477.D

Level: (low/med) LOW Date Received: 12/3/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001479.D	Sample Name	4990.04
Operator	Skelton	Field ID	64-D
Date Acquired	9 Dec 1999 7:55 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.89	50275	3.38 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4990.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001479.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001480.D	Sample Name	4990.06
Operator	Skelton	Field ID	65-D
Date Acquired	9 Dec 1999 8:35 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 65-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4990.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001480.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001481.D	Sample Name	4990.08
Operator	Skelton	Field ID	66-D
Date Acquired	9 Dec 1999 9:16 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	356404	1.88 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1842591	14.00 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	196657	2.27 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4990.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001481.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000873-66-5	Benzene, 1-propenyl-, (E)-	33.77	3	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001482.D	Sample Name	4990.10
Operator	Skelton	Field ID	67-D
Date Acquired	9 Dec 1999 9:56 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.60	724008	3.83 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	3826324	28.94 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	32.88	104712	1.22 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	423486	4.87 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	33.96	145428	1.80 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4990.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001482.D

Level: (low/med) LOW Date Received: 12/6/99

% Moisture: not dec. _____ Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-82-7	Cyclohexane	17.45	7	JN
2. 000496-11-7	Indane	33.76	7	JN
3. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	34.44	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005114.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 5:25 pm**

Sample Name **4995.04**
Field ID **68-D**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.19	71812	11.21 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	275463	3.58 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1130741	22.58 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.11	38096	1.13 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.35	181211	5.12 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.19	45274	1.40 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **68-D**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005114.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005115.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 6:06 pm**

Sample Name **4995.06**
Field ID **64-E**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

12/13/99 1:07 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 64-E

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005115.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005116.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 6:46 pm**

Sample Name **4995.08**
Field ID **65-E**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	10.06	88527	53.08 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	375664	7.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	36740	1.07 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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000580

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 65-E

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005116.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005117.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 7:26 pm**

Sample Name **4995.10**
Field ID **66-E**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	10.11	150445	91.11 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	592062	12.33 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	59777	1.76 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 66-E

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4995.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005117.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.04	110	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005118.D	Sample Name	4995.12
Operator	Skelton	Field ID	67-E
Date Acquired	11 Dec 1999 8:06 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	283031	5.92 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.88	60957	1.99 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	47885	1.42 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 67-E

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4995.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005118.D

Level: (low/med) LOW Date Received: 12/7/99

% Moisture: not dec. _____ Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	32.14	12	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005358.D	Sample Name	5058.16
Operator	Skelton	Field ID	113F
Date Acquired	7 Jan 2000 3:51 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.37	186989	3.35 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.87	299186	4.47 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	2459815	99.56 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	28111	2.26 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	69267	5.14 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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000586

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 113F

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005358.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 017301-94-9	Nonane, 4-methyl-	29.26	12	JN
2. 000099-82-1	1-Methyl-4-(1-methylethyl)-cyclol	30.65	6	JN
3.	unknown	30.85	9	J
4. 002847-72-5	Decane, 4-methyl-	31.09	17	JN
5.	unknown	32.14	6	J
6.	unknown	32.37	17	J
7.	unknown	33.49	6	J
8. 000135-01-3	Benzene, 1,2-diethyl-	33.59	13	JN
9.	unknown	33.79	7	J
10.	unknown	33.98	12	J
11.	unknown	34.08	9	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005359.D**	Sample Name	**5058.17**
Operator	**Skelton**	Field ID	**114F**
Date Acquired	**7 Jan 2000 4:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.37	1158664	20.61 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.86	216203	3.11 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	447089	16.74 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	41843	2.87 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1/13/00 11:38 AM

000388

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **114F**

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005359.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	30.83	6	JN
2. 000135-01-3	Benzene, 1,2-diethyl-	33.58	7	JN
3. 000496-11-7	Indane	33.98	12	JN

000529

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005360.D**	Sample Name	**5058.18**
Operator	**Skelton**	Field ID	**115F**
Date Acquired	**7 Jan 2000 5:12 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.19	37204	5.06 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.39	267081	4.64 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	308598	4.37 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	483341	15.70 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	48079	2.86 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115F

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005360.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	30.83	9	JN
2. 000090-12-0	Naphthalene, 1-methyl-	31.67	7	JN
3. 000141-93-5	Benzene, 1,3-diethyl-	33.58	11	JN
4.	unknown	33.78	8	J
5. 000496-11-7	Indane	33.98	13	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005361.D**	Sample Name	**5058.19**
Operator	**Skelton**	Field ID	**116F**
Date Acquired	**7 Jan 2000 5:53 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.19	56873	7.61 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	160813	2.24 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	81356	2.86 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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000582

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116F

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005361.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-93-2	Benzene, 1,2,4,5-tetramethyl-	27.76	26	JN
2. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	28.50	22	JN
3.	unknown	30.83	9	J
4. 000526-73-8	Benzene, 1,2,3-trimethyl-	32.13	35	JN
5.	unknown	34.38	12	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005362.D**	Sample Name	**5058.20**
Operator	**Skelton**	Field ID	**117F**
Date Acquired	**7 Jan 2000 6:33 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.20	52692	6.91 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.36	142845	2.39 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	54452	1.66 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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000594

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117F

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5058.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005362.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	31.69	43	JN
2. 000095-36-3	1,2,4-Trimethylbenzene	32.13	46	JN
3. 000264-09-5	Benzocycloheptatriene	33.59	6	JN
4. 000496-11-7	Indane	33.98	6	JN
5. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	34.39	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005363.D	Sample Name	5058.21
Operator	Skelton	Field ID	118F
Date Acquired	7 Jan 2000 7:13 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.25	65133	8.21 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.37	171265	2.75 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 118F

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5058.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005363.D

Level: (low/med) LOW Date Received: 1/3/00

% Moisture: not dec. _____ Date Analyzed: 1/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	27.77	11	JN
2. 000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	28.51	8	JN
3. 000526-73-8	Benzene, 1,2,3-trimethyl-	32.13	24	JN
4. 000581-40-8	Naphthalene, 2,3-dimethyl-	34.09	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005374.D**	Sample Name	**5064.12**
Operator	**Skelton**	Field ID	**113G**
Date Acquired	**8 Jan 2000 2:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.87	72721	1.03 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 113G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5064.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005374.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. _____ Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005375.D	Sample Name	5064.13
Operator	Skelton	Field ID	114G
Date Acquired	8 Jan 2000 3:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	924791	17.05 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	132268	1.99 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	363358	17.61 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	74551	6.34 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 114G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5064.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005375.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. _____ Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	33.98	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005376.D**	Sample Name	**5064.14**
Operator	**Skelton**	Field ID	**115G**
Date Acquired	**8 Jan 2000 4:00 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.21	112488	2.31 ug/L	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.86	155785	2.17 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	243610	8.87 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	79995	5.11 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/13/00 12:54 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5064.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005376.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. _____ Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005377.D	Sample Name	5064.15
Operator	Skelton	Field ID	116G
Date Acquired	8 Jan 2000 4:42 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.19	46895	5.96 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.39	91768	1.69 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.53	71238	6.35 ug/L	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.86	577698	8.22 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	628913	23.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	166083	11.01 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5064.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005377.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 7

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000103-65-1	Benzene, propyl-	30.83	6	JN
2. 000108-67-8	Benzene, 1,3,5-trimethyl-	32.14	160	JN
3. 000135-01-3	Benzene, 1,2-diethyl-	33.59	11	JN
4.	unknown	33.77	6	J
5. 000496-11-7	Indane	33.98	17	JN
6.	unknown	34.39	14	J
7.	unknown	34.47	12	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005378.D**	Sample Name	**5064.16**
Operator	**Skelton**	Field ID	**117G**
Date Acquired	**8 Jan 2000 5:24 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.18	149410	3.04 ug/L	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.37	856632	15.71 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	44859	0.65 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	240220	9.14 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	78141	5.22 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5064.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005378.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	32.14	60	JN
2.	unknown	33.59	7	J
3. 000496-11-7	Indane	33.98	8	JN
4.	unknown	34.39	7	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005379.D	Sample Name	5064.17
Operator	Skelton	Field ID	118G
Date Acquired	8 Jan 2000 6:06 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.37	598567	10.77 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 118G

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5064.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005379.D

Level: (low/med) LOW Date Received: 1/5/00

% Moisture: not dec. _____ Date Analyzed: 1/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	31.63	9	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005430.D**	Sample Name	**5072.18**
Operator	**Skelton**	Field ID	**113H**
Date Acquired	**11 Jan 2000 6:49 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	234527	3.70 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	206166	2.35 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	367651	6.14 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	153161	3.76 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 113H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005430.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005431.D	Sample Name	5072.19
Operator	Skelton	Field ID	114H
Date Acquired	11 Jan 2000 7:30 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.16	39842	4.02 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.39	106988	1.69 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	367870	4.14 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1590999	27.05 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.88	71529	1.94 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	186276	4.65 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 114H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005431.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005432.D**	Sample Name	**5072.20**
Operator	**Skelton**	Field ID	**115H**
Date Acquired	**11 Jan 2000 8:11 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	94721	1.10 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	308978	4.90 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	278534	6.49 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 115H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005432.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005433.D	Sample Name	5072.21
Operator	Skelton	Field ID	116H
Date Acquired	11 Jan 2000 8:53 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.41	106454	1.66 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	172489	1.99 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	2177636	34.42 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	773084	17.96 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/13/00 1:06 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 116H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005433.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005434.D**	Sample Name	**5072.22**
Operator	**Skelton**	Field ID	**117H**
Date Acquired	**11 Jan 2000 9:35 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.40	236772	3.76 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	80878	1.22 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	125613	2.78 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 117H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5072.22

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005434.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005453.D**	Sample Name	**5072.23**
Operator	**Skelton**	Field ID	**118H**
Date Acquired	**11 Jan 2000 10:46 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.15	38455	2.91 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. 118H

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5072.23

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005453.D

Level: (low/med) LOW Date Received: 1/6/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000621

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001979.D**	Sample Name	**5075.09**
Operator	**Skelton**	Field ID	**118I**
Date Acquired	**11 Jan 2000 11:21 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.13	67656	1.56 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 118I

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5075.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001979.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/11/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001980.D	Sample Name	5075.10
Operator	Skelton	Field ID	114I
Date Acquired	12 Jan 2000 12:02 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 1141

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5075.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001980.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/12/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001981.D	Sample Name	5075.11
Operator	Skelton	Field ID	115I
Date Acquired	12 Jan 2000 12:44 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.11	155585	1.86 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	75056	1.75 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1/13/00 2:56 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 1151

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5075.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001981.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/12/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001982.D	Sample Name	5075.12
Operator	Skelton	Field ID	116I
Date Acquired	12 Jan 2000 1:25 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.13	50921	1.22 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 1161

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5075.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001982.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. Date Analyzed: 1/12/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001983.D**	Sample Name	**5075.13**
Operator	**Skelton**	Field ID	**117I**
Date Acquired	**12 Jan 2000 2:06 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	8.88	136531	19.22 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	51653	1.25 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 1171

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5075.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001983.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/12/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001984.D**	Sample Name	**5075.14**
Operator	**Skelton**	Field ID	**1131**
Date Acquired	**12 Jan 2000 2:47 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1/13/00 2:56 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 1131

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5075.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC001984.D

Level: (low/med) LOW Date Received: 1/7/00

% Moisture: not dec. _____ Date Analyzed: 1/12/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005536.D	Sample Name	5091.09
Operator	Skelton	Field ID	64F
Date Acquired	18 Jan 2000 5:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	203719	2.25 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	6994209	108.87 ug/L	4	0.39 ug/L	E
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	96352	2.23 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	369166	8.34 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	79858	1.90 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 64F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005536.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002105.D**	Sample Name	**5091.09**
Operator	**Skelton**	Field ID	**64F**
Date Acquired	**18 Jan 2000 12:18 pm**	Sample Multiplier	**2**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	3.70 ug/L	
107131	Acrylonitrile			not detected	50	5.56 ug/L	
75650	tert-Butyl alcohol			not detected	nle	17.04 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.32 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.50 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	3.36 ug/L	
74-87-3	Chloromethane			not detected	30	2.32 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.12 ug/L	
74-83-9	Bromomethane			not detected	10	2.20 ug/L	
75-00-3	Chloroethane			not detected	nle	2.02 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.00 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.48 ug/L	
67-64-1	Acetone			not detected	700	2.72 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.92 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.48 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.32 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.24 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	1.56 ug/L	
78-93-3	2-Butanone			not detected	300	1.24 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.34 ug/L	
67-66-3	Chloroform			not detected	6	0.60 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.46 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.94 ug/L	
71-43-2	Benzene	18.60	323513	3.32 ug/L	1	0.46 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.36 ug/L	
79-01-6	Trichloroethene			not detected	1	0.46 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.80 ug/L	
75-27-4	Bromodichloromethane			not detected	1	1.10 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.30 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	1.38 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.18 ug/L	
108-88-3	Toluene			not detected	1000	0.74 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.74 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.96 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.64 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.42 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.72 ug/L	
108-90-7	Chlorobenzene	27.34	12583709	159.22 ug/L	4	0.78 ug/L	D
100-41-4	Ethylbenzene			not detected	700	1.30 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.28 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.24 ug/L	
100-42-5	Styrene			not detected	100	1.12 ug/L	
75-25-2	Bromoform			not detected	4	1.40 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.94 ug/L	
541-73-1	1,3-Dichlorobenzene	32.88	169034	3.38 ug/L	600	1.10 ug/L	D
106-46-7	1,4-Dichlorobenzene	33.12	528267	11.37 ug/L	75	1.14 ug/L	D
95-50-1	1,2-Dichlorobenzene	33.96	124582	2.67 ug/L	600	1.28 ug/L	D

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 9:37 AM

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000036

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005537.D**	Sample Name	**5091.10**
Operator	**Skelton**	Field ID	**65F**
Date Acquired	**18 Jan 2000 6:12 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	585341	6.32 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	12544746	195.41 ug/L	4	0.39 ug/L	E
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.09	204990	4.76 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	412377	9.32 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	85942	2.05 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 9:36 AM

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000637

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005537.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000038

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005567.D	Sample Name	5091.10
Operator	Skelton	Field ID	65F
Date Acquired	19 Jan 2000 12:33 am	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	9.25 ug/L	
107131	Acrylonitrile			not detected	50	13.90 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.60 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.80 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	8.40 ug/L	
74-87-3	Chloromethane			not detected	30	5.80 ug/L	
75-01-4	Vinyl Chloride			not detected	5	5.30 ug/L	
74-83-9	Bromomethane			not detected	10	5.50 ug/L	
75-00-3	Chloroethane			not detected	nle	5.05 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.20 ug/L	
67-64-1	Acetone			not detected	700	6.80 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	2.30 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.20 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.80 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.60 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	3.90 ug/L	
78-93-3	2-Butanone			not detected	300	3.10 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.85 ug/L	
67-66-3	Chloroform			not detected	6	1.50 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	1.15 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.35 ug/L	
71-43-2	Benzene	18.84	101003	5.35 ug/L	1	1.15 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.90 ug/L	
79-01-6	Trichloroethene			not detected	1	1.15 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.75 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	3.25 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.45 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	2.95 ug/L	
108-88-3	Toluene			not detected	1000	1.85 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	4.35 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.40 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.60 ug/L	
591-78-6	2-Hexanone			not detected	nle	3.55 ug/L	
126-48-1	Dibromochloromethane			not detected	10	4.30 ug/L	
108-90-7	Chlorobenzene	27.57	2386445	181.39 ug/L	4	1.95 ug/L	D
100-41-4	Ethylbenzene			not detected	700	3.25 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	5.70 ug/L	
1330-20-7	o-Xylene			not detected	nle	3.10 ug/L	
100-42-5	Styrene			not detected	100	2.80 ug/L	
75-25-2	Bromoform			not detected	4	3.50 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.35 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	37838	4.28 ug/L	600	2.75 ug/L	D
106-46-7	1,4-Dichlorobenzene	33.34	75685	8.35 ug/L	75	2.85 ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	3.20 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 11:13 AM

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000039

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005538.D**	Sample Name	**5091.11**
Operator	**Skelton**	Field ID	**66F**
Date Acquired	**18 Jan 2000 6:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.39	77293	1.15 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	313355	3.45 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	4532818	69.69 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.09	137526	3.15 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	476433	10.63 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.19	106843	2.51 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 9:36 AM

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000640

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005538.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005539.D	Sample Name	5091.12
Operator	Skelton	Field ID	67F
Date Acquired	18 Jan 2000 7:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.17	35768	2.23 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.40	91167	1.34 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	388640	4.16 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	6052151	92.13 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	131230	2.98 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	504754	11.15 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.17	61277	1.43 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 67F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005539.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005540.D	Sample Name	5091.13
Operator	Skelton	Field ID	68F
Date Acquired	18 Jan 2000 8:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.40	131937	1.91 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	244801	2.60 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	3661861	55.12 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	217026	4.87 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	646246	14.12 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	42401	0.98 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **68F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005540.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005541.D	Sample Name	5091.14
Operator	Skelton	Field ID	69F
Date Acquired	18 Jan 2000 8:50 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.39	94595	1.39 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	253021	2.85 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	3827389	59.31 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.09	180996	4.18 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	570072	12.82 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	61350	1.45 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **69F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005541.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005542.D**	Sample Name	**5091.15**
Operator	**Skelton**	Field ID	**64G**
Date Acquired	**18 Jan 2000 9:30 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.26	66505	4.10 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	101481	1.47 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	626169	9.32 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005542.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002101.D	Sample Name	5091.16
Operator	Skelton	Field ID	65G
Date Acquired	18 Jan 2000 9:39 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.13	163582	1.44 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1001116	6.72 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	294189	3.36 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 9:37 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 65G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5091.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002101.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002102.D	Sample Name	5091.17
Operator	Skelton	Field ID	67G
Date Acquired	18 Jan 2000 10:18 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1021623	6.93 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.12	291108	3.36 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 67G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002102.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002103.D	Sample Name	5091.18
Operator	Skelton	Field ID	66G
Date Acquired	18 Jan 2000 10:58 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.11	137923	1.17 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	1123859	7.45 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.13	341160	3.85 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/24/00 9:37 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5091.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002103.D

Level: (low/med) LOW Date Received: 1/12/00

% Moisture: not dec. _____ Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005569.D**	Sample Name	**5096.09**
Operator	**Skelton**	Field ID	**G-68**
Date Acquired	**19 Jan 2000 1:54 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	117136	1.29 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	221239	3.43 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	351500	7.92 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.19	54233	1.29 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. G-68

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005569.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000095-63-6	Benzene, 1,2,4-trimethyl-	32.14	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005570.D**	Sample Name	**5096.10**
Operator	**Skelton**	Field ID	**G-69**
Date Acquired	**19 Jan 2000 2:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	116729	1.73 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1817367	26.77 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	150899	3.23 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. G-69

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005570.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005571.D**	Sample Name	**5096.11**
Operator	**Skelton**	Field ID	**H-64**
Date Acquired	**19 Jan 2000 3:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	257665	3.87 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.87	85515	1.98 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene	28.98	111678	1.29 ug/L	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	129037	2.82 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. H-64

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005571.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005572.D**	Sample Name	**5096.12**
Operator	**Skelton**	Field ID	**H-65**
Date Acquired	**19 Jan 2000 3:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	208637	3.24 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	79528	1.79 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. H-65

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005572.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000091-20-3	Naphthalene	32.64	200	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005573.D	Sample Name	5096.13
Operator	Skelton	Field ID	H-66
Date Acquired	19 Jan 2000 4:35 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.13	154534	9.18 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.47	90593	4.49 ug/L	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. H-66

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005573.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-85-4	Amylene Hydrate	16.98	290	JN
2.	unknown	21.57	28	J
3.	unknown	22.65	21	J
4. 000091-20-3	Naphthalene	32.63	22	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005574.D**	Sample Name	**5096.14**
Operator	**Skelton**	Field ID	**H-67**
Date Acquired	**19 Jan 2000 5:15 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	9.14	31620	1.95 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.38	1247959	18.11 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	172679	2.64 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	91392	2.03 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. H-67

Lab Name: FMETL Project: 100004

NJDEP#: 13461 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5096.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB005574.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000060-29-7	Ether	8.37	79	JN

000667

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002138.D**	Sample Name	**5102.07**
Operator	**Skelton**	Field ID	**H69**
Date Acquired	**19 Jan 2000 12:03 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75343	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide	11.10	156574	1.30 ug/L	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156594	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1/24/00 8:45 AM

OCU670

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: H69

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5102.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002138.D

Level: (low/med) LOW Date Received: 1/13/00

% Moisture: not dec. _____ Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: M-2 Landfill

M-2 Benzene Investigation

VOLUME II

SOILS

METHOD BLANKS

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk91

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02943.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 0 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk92

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02972.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 0 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000679

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03038.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03038.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk94

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03038.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 0 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk96

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03102.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk96

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03102.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 0 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL

Sample wt/vol: 10.0 (g/ml) G

Level: (low/med) MED

% Moisture: not dec. 0

GC Column: RTX-502 ID: 0.25 (mm)

Soil Extract Volume: 25000 (uL)

Lab Sample ID: Vblk96

Lab File ID: VB03102.D

Date Received: 3/16/99

Date Analyzed: 3/22/99

Dilution Factor: 1.0

Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk97

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03120.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk98

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03229.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 0 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000691

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk100

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03262.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 0 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk160

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005948.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk160

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005948.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk160

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk160

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA005948.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 0 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk105

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: Vblk105

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03370.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 0 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk166

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk166

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006072.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 0 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk167

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006090.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 0 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk169

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006135.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk170

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk170

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006154.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 0 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	3700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk171

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006174.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 0 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.14	7200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk172

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk172

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006193.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk173

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk173

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006213.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 0 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk178

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006304.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VBLK179

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: VBLK179

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006329.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 0 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk144

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004683.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk144

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004683.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk144**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk144

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004683.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk145

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004723.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk145

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004723.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk145**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk145

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004723.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk146

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk146

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004756.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk146

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk146

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004756.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk146**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk146

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004756.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000736

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk150

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk150

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004927.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	670	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk150

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk150

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004927.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk150**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk150

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004927.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk152

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk152

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004999.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk152

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk152

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004999.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk152**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk152

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004999.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk153

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk153

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005032.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk153

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk153

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005032.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk153**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk153

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005032.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk155

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk155

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005103.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk155

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk155

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005103.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk155**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk155

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005103.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000748

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk46

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001806.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk46

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001806.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk46

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001806.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk47

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001824.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk47

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001824.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk47

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001824.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001879.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001879.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk48

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001879.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001892.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001892.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk49

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001892.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005437.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005437.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk165

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk165

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005437.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk52

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001995.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk52

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001995.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk52

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001995.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk167

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005509.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk167

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005509.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk167**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk167

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005509.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk55

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002108.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk55

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002108.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk55

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk55

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002108.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000772

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk168

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005548.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk168

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005548.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk168**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk168

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005548.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000775

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005583.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk169

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005583.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk169**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk169

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005583.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk171

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005652.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Vblk171

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005652.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk171**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: Vblk171

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005652.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000781

METHANOL TRIP BLANKS

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004684.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004684.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004684.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004691.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004691.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004691.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 0 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004757.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004757.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4931.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004757.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004764.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004764.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004764.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 0 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004928.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	2000	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004928.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004928.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 0 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005000.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	340	J
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005000.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005000.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005006.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	280	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005006.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4972.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005006.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 0 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005033.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	480	J
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4979.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005033.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4979.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005033.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005041.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID: **Trip Blank**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005041.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005041.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 0 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005104.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	1000	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	300	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005104.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005104.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 0 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001807.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	5900	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	480	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001807.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001807.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 0 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001880.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	2200	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	1300	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	1100	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001880.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001880.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 0 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001996.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	4800	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	420	J
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	410	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001996.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC001996.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002003.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	5000	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	2400	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	480	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002003.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002003.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 0 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000824

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005510.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	2500	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	1300	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	420	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005510.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005510.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 0 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005560.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	3200	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	410	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005560.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005560.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002116.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	710	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002116.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002116.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005653.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Trip Blank

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005653.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005653.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 0 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000836

FIELD DUPLICATES

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03232.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	560	J
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03232.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.17

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03232.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 16.83 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

Field Dup

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006099.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 17.17 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006099.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 17.17 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006099.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 17.17 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4445.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006215.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 3.57 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006215.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 3.57 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006215.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 3.57 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4465.15

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006335.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 16.87 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	5900	
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

000847

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.15

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006335.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 16.87 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.15

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VA006335.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 16.87 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004771.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.15 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004771.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.15 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004771.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.15 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005012.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 15.73 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID: **Field Dup**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005012.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 15.73 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005012.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 15.73 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.13

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB005110.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 14.23 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

Field Dup

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.13

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB005110.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 14.23 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.13

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB005110.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 14.23 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SAMPLES

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.03

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB02948Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 35.7 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3600	U
107131	Acrylonitrile	3600	U
75650	tert-Butyl alcohol	6600	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	510	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	510	U
67-64-1	Acetone	1000	U
75-15-0	Carbon Disulfide	510	U
75-09-2	Methylene Chloride	2600	
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	510	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	510	U
67-66-3	Chloroform	510	U
75-55-6	1,1,1-Trichloroethane	510	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	510	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	510	U
78-87-5	1,2-Dichloropropane	510	U
75-27-4	Bromodichloromethane	510	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	510	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	510	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	510	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	510	U
100-41-4	Ethylbenzene	1000	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.03

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB02948Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 35.7 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 31

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.03

Sample wt/vol: 7.7 (g/ml) G Lab File ID: VB02948Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 35.7 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000862
R/OR

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.05

Sample wt/vol: 6.9 (g/ml) G Lab File ID: VB02949Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 41.25 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4300	U
107131	Acrylonitrile	4300	U
75650	tert-Butyl alcohol	8000	U
1634044	Methyl-tert-Butyl ether	1800	U
108203	Di-isopropyl ether	1200	U
	Dichlorodifluoromethane	2500	U
74-87-3	Chloromethane	610	U
75-01-4	Vinyl Chloride	1800	U
74-83-9	Bromomethane	1200	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	1200	U
75-35-4	1,1-Dichloroethene	610	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	610	U
75-09-2	Methylene Chloride	2700	
156-60-5	trans-1,2-Dichloroethene	1200	U
75-35-3	1,1-Dichloroethane	610	U
108-05-4	Vinyl Acetate	1800	U
78-93-3	2-Butanone	1800	U
	cis-1,2-Dichloroethene	610	U
67-66-3	Chloroform	610	U
75-55-6	1,1,1-Trichloroethane	610	U
56-23-5	Carbon Tetrachloride	1200	U
71-43-2	Benzene	610	U
107-06-2	1,2-Dichloroethane	1200	U
79-01-6	Trichloroethene	610	U
78-87-5	1,2-Dichloropropane	610	U
75-27-4	Bromodichloromethane	610	U
110-75-8	2-Chloroethyl vinyl ether	1200	U
10061-01-5	cis-1,3-Dichloropropene	610	U
108-10-1	4-Methyl-2-Pentanone	1200	U
108-88-3	Toluene	610	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	610	U
591-78-6	2-Hexanone	1200	U
126-48-1	Dibromochloromethane	1200	U
108-90-7	Chlorobenzene	610	U
100-41-4	Ethylbenzene	1200	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.05

Sample wt/vol: 6.9 (g/ml) G Lab File ID: VB02949Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 41.25 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1800	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

000864

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.05

Sample wt/vol: 6.9 (g/ml) G Lab File ID: VB02949Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 41.25 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02950Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 8.28 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	510	J
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02950Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 8.28 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

000867

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4328 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4328.07

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB02950Q.D

Level: (low/med) MED Date Received: 3/8/99

% Moisture: not dec. 8.28 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02951Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	940	
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

080869

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02951Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02951Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 8.86 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB02952Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	2800	
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB02952Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.05

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB02952Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.69 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 14

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 005911-04-6	Nonane, 3-methyl-	29.21	3200	JN
2. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.66	3100	JN
3.	unknown	30.16	10000	J
4. 000080-56-8	.alpha.-Pinene	30.54	6400	JN
5.	unknown	31.25	2700	J
6.	unknown	31.62	3700	J
7.	unknown	32.04	7800	J
8.	unknown	32.32	3000	J
9.	unknown	32.76	1900	J
10.	unknown	33.16	2200	J
11.	unknown	34.16	1800	J
12.	unknown	34.78	3500	J
13.	unknown	35.13	2400	J
14.	unknown	35.99	2200	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02953Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	850	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	720	
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02953Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB02953Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 10.9 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 015869-94-0	Octane, 3,6-dimethyl-	29.21	8700	JN
2. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.65	8600	JN
3.	unknown	30.16	29000	J
4. 005911-04-6	Nonane, 3-methyl-	30.52	8100	JN
5.	unknown	31.25	7800	J
6. 017302-28-2	Nonane, 2,6-dimethyl-	32.05	14000	JN
7.	unknown	33.16	6500	J
8. 001678-93-9	Cyclohexane, butyl-	33.45	15000	JN
9.	unknown	33.60	8000	J
10.	unknown	35.13	16000	J
11.	unknown	35.32	11000	J
12. 004292-92-6	Cyclohexane, pentyl-	36.45	22000	JN
13.	unknown	36.60	13000	J
14.	unknown	36.93	7300	J
15.	unknown	37.23	23000	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02954Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	820	
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

M-2 37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02954Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

M-2 37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4332 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4332.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02954Q.D

Level: (low/med) MED Date Received: 3/9/99

% Moisture: not dec. 18.96 Date Analyzed: 3/11/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02978.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.82 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02978.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.82 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02978.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.82 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000883

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02979.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.45 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02979.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.45 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB02979.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 13.45 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02980.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.24 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

000887

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02980.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.24 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02980.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 11.24 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000889

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02981.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 22 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02981.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 22 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02981.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 22 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02982.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 59.11 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4400	U
107131	Acrylonitrile	4400	U
75650	tert-Butyl alcohol	8200	U
1634044	Methyl-tert-Butyl ether	1900	U
108203	Di-isopropyl ether	1300	U
	Dichlorodifluoromethane	2500	U
74-87-3	Chloromethane	630	U
75-01-4	Vinyl Chloride	1900	U
74-83-9	Bromomethane	1300	U
75-00-3	Chloroethane	1900	U
75-69-4	Trichlorofluoromethane	1300	U
75-35-4	1,1-Dichloroethene	630	U
67-64-1	Acetone	1300	U
75-15-0	Carbon Disulfide	630	U
75-09-2	Methylene Chloride	1300	U
156-60-5	trans-1,2-Dichloroethene	1300	U
75-35-3	1,1-Dichloroethane	630	U
108-05-4	Vinyl Acetate	1900	U
78-93-3	2-Butanone	1900	U
	cis-1,2-Dichloroethene	630	U
67-66-3	Chloroform	630	U
75-55-6	1,1,1-Trichloroethane	630	U
56-23-5	Carbon Tetrachloride	1300	U
71-43-2	Benzene	630	U
107-06-2	1,2-Dichloroethane	1300	U
79-01-6	Trichloroethene	630	U
78-87-5	1,2-Dichloropropane	630	U
75-27-4	Bromodichloromethane	630	U
110-75-8	2-Chloroethyl vinyl ether	1300	U
10061-01-5	cis-1,3-Dichloropropene	630	U
108-10-1	4-Methyl-2-Pentanone	1300	U
108-88-3	Toluene	630	U
10061-02-6	trans-1,3-Dichloropropene	1300	U
79-00-5	1,1,2-Trichloroethane	1300	U
127-18-4	Tetrachloroethene	630	U
591-78-6	2-Hexanone	1300	U
126-48-1	Dibromochloromethane	1300	U
108-90-7	Chlorobenzene	1000	
100-41-4	Ethylbenzene	1300	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02982.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 59.11 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1900	U
1330-20-7	o-Xylene	1300	U
100-42-5	Styrene	1300	U
75-25-2	Bromoform	1300	U
79-34-5	1,1,2,2-Tetrachloroethane	1300	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4334 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4334.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02982.D

Level: (low/med) MED Date Received: 3/10/99

% Moisture: not dec. 59.11 Date Analyzed: 3/12/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.03

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03040.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 19.63 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.03

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03040.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 19.63 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.03

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VB03040.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 19.63 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03041.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 26.18 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	1400	
100-41-4	Ethylbenzene	700	U

1A

FIELD ID.

44

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03041.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 26.18 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4339 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4339.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB03041.D

Level: (low/med) MED Date Received: 3/11/99

% Moisture: not dec. 26.18 Date Analyzed: 3/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03107.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 31.31 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	780	U
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	390	U
100-41-4	Ethylbenzene	780	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03107.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 31.31 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	780	U
100-42-5	Styrene	780	U
75-25-2	Bromoform	780	U
79-34-5	1,1,2,2-Tetrachloroethane	780	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 45

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03107.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 31.31 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03108.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 19.44 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03108.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 19.44 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 46

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03108.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 19.44 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

47

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03109.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 16.03 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03109.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 16.03 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 47

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03109.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 16.03 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03110.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.73 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03110.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.73 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

48

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4350 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4350.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03110.D

Level: (low/med) MED Date Received: 3/16/99

% Moisture: not dec. 24.73 Date Analyzed: 3/22/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

49

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03130.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.4 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

49

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03130.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.4 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03131.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 7.55 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03131.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 7.55 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.: 50

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB03131.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 7.55 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03132.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 38.09 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5400	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	840	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	840	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	840	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	840	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	840	U
156-60-5	trans-1,2-Dichloroethene	840	U
75-35-3	1,1-Dichloroethane	420	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	420	U
67-66-3	Chloroform	420	U
75-55-6	1,1,1-Trichloroethane	420	U
56-23-5	Carbon Tetrachloride	840	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	840	U
79-01-6	Trichloroethene	420	U
78-87-5	1,2-Dichloropropane	420	U
75-27-4	Bromodichloromethane	420	U
110-75-8	2-Chloroethyl vinyl ether	840	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	840	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	840	U
79-00-5	1,1,2-Trichloroethane	840	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	840	U
126-48-1	Dibromochloromethane	840	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	840	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03132.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 38.09 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	840	U
100-42-5	Styrene	840	U
75-25-2	Bromoform	840	U
79-34-5	1,1,2,2-Tetrachloroethane	840	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB03132.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 38.09 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

000922

1A

FIELD ID.

52

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03133.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.16 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03133.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.16 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB03133.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 18.16 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03230.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 5.43 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	740	U
108203	Di-isopropyl ether	490	U
	Dichlorodifluoromethane	990	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	740	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	740	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	490	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	3800	
156-60-5	trans-1,2-Dichloroethene	490	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	740	U
78-93-3	2-Butanone	740	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	490	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	490	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	490	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	490	U
126-48-1	Dibromochloromethane	490	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	490	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03230.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 5.43 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	740	U
1330-20-7	o-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.11

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB03230.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 5.43 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

54

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03135.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.83 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	800	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

54

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03135.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.83 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 54

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03135.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 15.83 Date Analyzed: 3/23/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

55

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03231.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 13.69 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1700	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

55

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03231.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 13.69 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

55

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4355 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4355.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB03231.D

Level: (low/med) MED Date Received: 3/17/99

% Moisture: not dec. 13.69 Date Analyzed: 3/29/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03263.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 51.49 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3800	U
107131	Acrylonitrile	3800	U
75650	tert-Butyl alcohol	7000	U
1634044	Methyl-tert-Butyl ether	1600	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2100	U
74-87-3	Chloromethane	540	U
75-01-4	Vinyl Chloride	1600	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1600	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	540	U
67-64-1	Acetone	1100	U
75-15-0	Carbon Disulfide	1500	
75-09-2	Methylene Chloride	1100	U
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	540	U
108-05-4	Vinyl Acetate	1600	U
78-93-3	2-Butanone	1600	U
	cis-1,2-Dichloroethene	540	U
67-66-3	Chloroform	540	U
75-55-6	1,1,1-Trichloroethane	540	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	540	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	540	U
78-87-5	1,2-Dichloropropane	540	U
75-27-4	Bromodichloromethane	540	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	540	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	540	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	540	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	1400	
100-41-4	Ethylbenzene	1100	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03263.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 51.49 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1600	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

56

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB03263.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 51.49 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03264.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.96 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	430	
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03264.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.96 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

57

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB03264.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 14.96 Date Analyzed: 3/30/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

58

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03265.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.65 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03265.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.65 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB03265.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.65 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03266.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.87 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	2700	
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03266.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.87 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4358 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4358.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB03266.D

Level: (low/med) MED Date Received: 3/18/99

% Moisture: not dec. 7.87 Date Analyzed: 3/31/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

59A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.03s

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA005959.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 9.14 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	3700	
100-41-4	Ethylbenzene	540	U

1A

FIELD ID.

59 A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.03s

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA005959.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 9.14 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 59A

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.03s

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA005959.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 9.14 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	4800	JN
2.	unknown	23.24	2100	J
3.	unknown	24.61	1700	J
4.	unknown	26.28	2600	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.05s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005960.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.11 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	1000	
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.05s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005960.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.11 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	710	J
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.05s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005960.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.11 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	20.33	5900	J
2. 005911-04-6	Nonane, 3-methyl-	22.34	12000	JN
3. 014676-29-0	Heptane, 3-ethyl-2-methyl-	22.75	12000	JN
4.	unknown	23.15	9100	J
5.	unknown	23.24	43000	J
6.	unknown	24.26	17000	J
7.	unknown	24.61	16000	J
8.	unknown	24.80	12000	J
9.	unknown	25.68	14000	J
10. 000095-36-3	1,2,4-Trimethylbenzene	26.04	22000	JN
11.	unknown	26.28	29000	J
12. 001074-43-7	Benzene, 1-methyl-3-propyl-	27.47	10000	JN
13.	unknown	27.64	8700	J
14.	unknown	27.76	8000	J
15.	unknown	28.52	5600	J

1A

FIELD ID.

61

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.07s

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005961.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 25.03 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.07s

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005961.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 25.03 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.07s

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA005961.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 25.03 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	7300	JN
2.	unknown	23.24	4600	J
3. 000091-20-3	Naphthalene	25.05	4400	JN
4. 000095-36-3	1,2,4-Trimethylbenzene	26.04	3100	JN
5.	unknown	26.28	4000	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.09s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005962.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.26 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.09s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005962.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.26 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.09s

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA005962.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 18.26 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	6200	JN
2.	unknown	23.24	2600	J
3. 001678-93-9	Cyclohexane, butyl-	26.28	3000	JN
4.	unknown	27.47	2400	J
5.	unknown	28.93	2700	J
6.	unknown	29.04	2500	J

1A

FIELD ID.

63

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.11s

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005963.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 6.99 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

63

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.11s

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005963.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 6.99 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 63

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.11s

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA005963.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 6.99 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	5900	JN

000961

1A

FIELD ID.

64

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.13s

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005964.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 34.69 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	760	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	760	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	760	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	760	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	760	U
156-60-5	trans-1,2-Dichloroethene	760	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	760	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	760	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	760	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	760	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	760	U
79-00-5	1,1,2-Trichloroethane	760	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	760	U
126-48-1	Dibromochloromethane	760	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	760	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.13s

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005964.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 34.69 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	760	U
100-42-5	Styrene	760	U
75-25-2	Bromoform	760	U
79-34-5	1,1,2,2-Tetrachloroethane	760	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 64

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.13s

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA005964.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 34.69 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	8100	JN

1A

FIELD ID.

65

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.15s

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA005965.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.91 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

65

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4368.15s

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA005965.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.91 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 65

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4368 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4368.15s

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA005965.D

Level: (low/med) MED Date Received: 3/23/99

% Moisture: not dec. 7.91 Date Analyzed: 4/1/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	6400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03379.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.91 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4.	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	430	
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03379.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.91 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03379.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 11.91 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03380.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 38.35 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	780	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	390	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	780	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	780	U
75-35-4	1,1-Dichloroethene	390	U
67-64-1	Acetone	780	U
75-15-0	Carbon Disulfide	390	U
75-09-2	Methylene Chloride	780	U
156-60-5	trans-1,2-Dichloroethene	780	U
75-35-3	1,1-Dichloroethane	390	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	390	U
67-66-3	Chloroform	390	U
75-55-6	1,1,1-Trichloroethane	390	U
56-23-5	Carbon Tetrachloride	780	U
71-43-2	Benzene	390	U
107-06-2	1,2-Dichloroethane	780	U
79-01-6	Trichloroethene	390	U
78-87-5	1,2-Dichloropropane	390	U
75-27-4	Bromodichloromethane	390	U
110-75-8	2-Chloroethyl vinyl ether	780	U
10061-01-5	cis-1,3-Dichloropropene	390	U
108-10-1	4-Methyl-2-Pentanone	780	U
108-88-3	Toluene	390	U
10061-02-6	trans-1,3-Dichloropropene	780	U
79-00-5	1,1,2-Trichloroethane	780	U
127-18-4	Tetrachloroethene	390	U
591-78-6	2-Hexanone	780	U
126-48-1	Dibromochloromethane	780	U
108-90-7	Chlorobenzene	510	
100-41-4	Ethylbenzene	400	J

1A

FIELD ID.

67

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03380.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 38.35 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	550	J
1330-20-7	o-Xylene	780	U
100-42-5	Styrene	780	U
75-25-2	Bromoform	780	U
79-34-5	1,1,2,2-Tetrachloroethane	780	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.05

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB03380.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 38.35 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03381.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 14.79 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03381.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 14.79 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB03381.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 14.79 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

69

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03382.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.31 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	670	U

000977

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03382.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.31 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB03382.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 18.31 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03383.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 50 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6300	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	970	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	490	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	970	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	970	U
75-35-4	1,1-Dichloroethene	490	U
67-64-1	Acetone	970	U
75-15-0	Carbon Disulfide	490	U
75-09-2	Methylene Chloride	970	U
156-60-5	trans-1,2-Dichloroethene	970	U
75-35-3	1,1-Dichloroethane	490	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	490	U
67-66-3	Chloroform	490	U
75-55-6	1,1,1-Trichloroethane	490	U
56-23-5	Carbon Tetrachloride	970	U
71-43-2	Benzene	490	U
107-06-2	1,2-Dichloroethane	970	U
79-01-6	Trichloroethene	490	U
78-87-5	1,2-Dichloropropane	490	U
75-27-4	Bromodichloromethane	490	U
110-75-8	2-Chloroethyl vinyl ether	970	U
10061-01-5	cis-1,3-Dichloropropene	490	U
108-10-1	4-Methyl-2-Pentanone	970	U
108-88-3	Toluene	490	U
10061-02-6	trans-1,3-Dichloropropene	970	U
79-00-5	1,1,2-Trichloroethane	970	U
127-18-4	Tetrachloroethene	490	U
591-78-6	2-Hexanone	970	U
126-48-1	Dibromochloromethane	970	U
108-90-7	Chlorobenzene	490	U
100-41-4	Ethylbenzene	970	U

1A

FIELD ID.

70

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03383.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 50 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	970	U
100-42-5	Styrene	970	U
75-25-2	Bromoform	970	U
79-34-5	1,1,2,2-Tetrachloroethane	970	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4381 SDG No: _____ Location: M-2

Matrix: (soil/water) SOIL Lab Sample ID: 4381.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB03383.D

Level: (low/med) MED Date Received: 3/30/99

% Moisture: not dec. 50 Date Analyzed: 4/5/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

71

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006073.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 30.59 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

71

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006073.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 30.59 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
1330-20-7	m+p-Xylenes	1000 U
1330-20-7	o-Xylene	690 U
100-42-5	Styrene	690 U
75-25-2	Bromoform	690 U
79-34-5	1,1,2,2-Tetrachloroethane	690 U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 71

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006073.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 30.59 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006074.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 24.21 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	600	
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	420	
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	680	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006074.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 24.21 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2000	
1330-20-7	o-Xylene	750	
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 72

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006074.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 24.21 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	20.33	4500	J
2. 015869-94-0	Octane, 3,6-dimethyl-	22.34	11000	JN
3. 014676-29-0	Heptane, 3-ethyl-2-methyl-	22.75	9600	JN
4.	unknown	23.14	7400	J
5.	unknown	24.26	8300	J
6.	unknown	24.61	9300	J
7.	unknown	24.68	7900	J
8.	unknown	24.80	9000	J
9. 002847-72-5	Decane, 4-methyl-	25.03	9800	JN
10.	unknown	25.14	4600	J
11.	unknown	25.26	7300	J
12. 000526-73-8	Benzene, 1,2,3-trimethyl-	26.04	11000	JN
13. 001678-93-9	Cyclohexane, butyl-	26.28	13000	JN
14. 000000-00-0	1-Ethyl-2,2,6-trimethylcyclohexan	26.91	4300	JN
15. 002958-76-1	Naphthalene, decahydro-2-methyl	29.03	4400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.07

Sample wt/vol: 13.4 (g/ml) G Lab File ID: VA006075.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 9.61 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1500	U
107131	Acrylonitrile	1500	U
75650	tert-Butyl alcohol	2700	U
1634044	Methyl-tert-Butyl ether	620	U
108203	Di-isopropyl ether	420	U
	Dichlorodifluoromethane	830	U
74-87-3	Chloromethane	210	U
75-01-4	Vinyl Chloride	620	U
74-83-9	Bromomethane	420	U
75-00-3	Chloroethane	620	U
75-69-4	Trichlorofluoromethane	420	U
75-35-4	1,1-Dichloroethene	210	U
67-64-1	Acetone	420	U
75-15-0	Carbon Disulfide	210	U
75-09-2	Methylene Chloride	420	U
156-60-5	trans-1,2-Dichloroethene	420	U
75-35-3	1,1-Dichloroethane	210	U
108-05-4	Vinyl Acetate	620	U
78-93-3	2-Butanone	620	U
	cis-1,2-Dichloroethene	210	U
67-66-3	Chloroform	210	U
75-55-6	1,1,1-Trichloroethane	210	U
56-23-5	Carbon Tetrachloride	420	U
71-43-2	Benzene	210	U
107-06-2	1,2-Dichloroethane	420	U
79-01-6	Trichloroethene	210	U
78-87-5	1,2-Dichloropropane	210	U
75-27-4	Bromodichloromethane	210	U
110-75-8	2-Chloroethyl vinyl ether	420	U
10061-01-5	cis-1,3-Dichloropropene	210	U
108-10-1	4-Methyl-2-Pentanone	420	U
108-88-3	Toluene	210	U
10061-02-6	trans-1,3-Dichloropropene	420	U
79-00-5	1,1,2-Trichloroethane	420	U
127-18-4	Tetrachloroethene	210	U
591-78-6	2-Hexanone	420	U
126-48-1	Dibromochloromethane	420	U
108-90-7	Chlorobenzene	210	U
100-41-4	Ethylbenzene	420	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.07

Sample wt/vol: 13.4 (g/ml) G Lab File ID: VA006075.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 9.61 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	620	U
1330-20-7	o-Xylene	420	U
100-42-5	Styrene	420	U
75-25-2	Bromoform	420	U
79-34-5	1,1,2,2-Tetrachloroethane	420	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

73

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4396 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4396.07

Sample wt/vol: 13.4 (g/ml) G Lab File ID: VA006075.D

Level: (low/med) MED Date Received: 4/6/99

% Moisture: not dec. 9.61 Date Analyzed: 4/15/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

74

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006096.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.76 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2000 U
107131	Acrylonitrile	2000 U
75650	tert-Butyl alcohol	3700 U
1634044	Methyl-tert-Butyl ether	860 U
108203	Di-isopropyl ether	570 U
	Dichlorodifluoromethane	1100 U
74-87-3	Chloromethane	290 U
75-01-4	Vinyl Chloride	860 U
74-83-9	Bromomethane	570 U
75-00-3	Chloroethane	860 U
75-69-4	Trichlorofluoromethane	570 U
75-35-4	1,1-Dichloroethene	290 U
67-64-1	Acetone	570 U
75-15-0	Carbon Disulfide	290 U
75-09-2	Methylene Chloride	570 U
156-60-5	trans-1,2-Dichloroethene	570 U
75-35-3	1,1-Dichloroethane	290 U
108-05-4	Vinyl Acetate	860 U
78-93-3	2-Butanone	860 U
	cis-1,2-Dichloroethene	290 U
67-66-3	Chloroform	290 U
75-55-6	1,1,1-Trichloroethane	290 U
56-23-5	Carbon Tetrachloride	570 U
71-43-2	Benzene	290 U
107-06-2	1,2-Dichloroethane	570 U
79-01-6	Trichloroethene	290 U
78-87-5	1,2-Dichloropropane	290 U
75-27-4	Bromodichloromethane	290 U
110-75-8	2-Chloroethyl vinyl ether	570 U
10061-01-5	cis-1,3-Dichloropropene	290 U
108-10-1	4-Methyl-2-Pentanone	570 U
108-88-3	Toluene	290 U
10061-02-6	trans-1,3-Dichloropropene	570 U
79-00-5	1,1,2-Trichloroethane	570 U
127-18-4	Tetrachloroethene	290 U
591-78-6	2-Hexanone	570 U
126-48-1	Dibromochloromethane	570 U
108-90-7	Chlorobenzene	290 U
100-41-4	Ethylbenzene	570 U

1A

FIELD ID.

74

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006096.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.76 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
1330-20-7	m+p-Xylenes	860 U
1330-20-7	o-Xylene	570 U
100-42-5	Styrene	570 U
75-25-2	Bromoform	570 U
79-34-5	1,1,2,2-Tetrachloroethane	570 U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 74

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006096.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.76 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006097.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.57 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006097.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.57 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q	
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

75

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006097.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 7.57 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006098.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 16.73 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006098.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 16.73 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

000399

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4407 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4407.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006098.D

Level: (low/med) MED Date Received: 4/9/99

% Moisture: not dec. 16.73 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 015869-94-0	Octane, 3,6-dimethyl-	22.34	2100	JN
2.	unknown	22.75	2200	J
3.	unknown	23.24	2600	J
4. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	24.26	2400	JN
5.	unknown	26.27	1900	J

1A

FIELD ID.

77

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006100.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 24.03 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

77

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006100.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 24.03 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006100.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 24.03 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

78

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4414.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006101.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 54.91 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	4200	U
107131	Acrylonitrile	4200	U
75650	tert-Butyl alcohol	7800	U
1634044	Methyl-tert-Butyl ether	1800	U
108203	Di-isopropyl ether	1200	U
	Dichlorodifluoromethane	2400	U
74-87-3	Chloromethane	600	U
75-01-4	Vinyl Chloride	1800	U
74-83-9	Bromomethane	1200	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	1200	U
75-35-4	1,1-Dichloroethene	600	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	600	U
75-09-2	Methylene Chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	1200	U
75-35-3	1,1-Dichloroethane	600	U
108-05-4	Vinyl Acetate	1800	U
78-93-3	2-Butanone	1800	U
	cis-1,2-Dichloroethene	600	U
67-66-3	Chloroform	600	U
75-55-6	1,1,1-Trichloroethane	600	U
56-23-5	Carbon Tetrachloride	1200	U
71-43-2	Benzene	600	U
107-06-2	1,2-Dichloroethane	1200	U
79-01-6	Trichloroethene	600	U
78-87-5	1,2-Dichloropropane	600	U
75-27-4	Bromodichloromethane	600	U
110-75-8	2-Chloroethyl vinyl ether	1200	U
10061-01-5	cis-1,3-Dichloropropene	600	U
108-10-1	4-Methyl-2-Pentanone	1200	U
108-88-3	Toluene	600	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	600	U
591-78-6	2-Hexanone	1200	U
126-48-1	Dibromochloromethane	1200	U
108-90-7	Chlorobenzene	600	U
100-41-4	Ethylbenzene	1200	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006101.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 54.91 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1800	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.05

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006101.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 54.91 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000099-82-1	1-Methyl-4-(1-methylethyl)-cyclor	24.61	20000	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006102.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.64 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006102.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.64 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006102.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 17.64 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001509

1A

FIELD ID.

80

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.09

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006103.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.44 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.09

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006103.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.44 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4414 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4414.09

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VA006103.D

Level: (low/med) MED Date Received: 4/13/99

% Moisture: not dec. 15.44 Date Analyzed: 4/20/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

901012

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006138.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 20.41 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006138.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 20.41 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4417.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VA006138.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 20.41 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

82

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4417.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006137.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 23.92 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006137.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 23.92 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006137.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 23.92 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006139.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 18.38 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4417.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006139.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 18.38 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 83

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006139.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 18.38 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

84

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4417.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006160.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19.17 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1600	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	620	
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	2000	
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	410	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006160.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19.17 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	
1330-20-7	o-Xylene	1000	
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 84

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006160.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 19.17 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.18	4500	J
2. 000110-54-3	Hexane	10.11	4800	JN
3. 000096-37-7	Cyclopentane, methyl-	11.82	1900	JN
4.	unknown	13.42	2000	J
5. 000108-87-2	Cyclohexane, methyl-	15.70	3400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4417.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006141.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 12.2 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	680	
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

001025

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006141.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 12.2 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

85

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006141.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 12.2 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 015869-94-0	Octane, 3,6-dimethyl-	22.34	1800	JN
2.	unknown	23.24	3600	J
3.	unknown	24.79	1800	J
4. 002847-72-5	Decane, 4-methyl-	25.02	1800	JN
5.	unknown	26.28	2300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006142.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 10.33 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	470	
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006142.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 10.33 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

86

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4417 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4417.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VA006142.D

Level: (low/med) MED Date Received: 4/14/99

% Moisture: not dec. 10.33 Date Analyzed: 4/23/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 6

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002216-34-4	Octane, 4-methyl-	20.03	1700	JN
2. 002216-33-3	Octane, 3-methyl-	20.34	2100	JN
3. 000589-81-1	Heptane, 3-methyl-	21.75	1900	JN
4. 015869-94-0	Octane, 3,6-dimethyl-	22.34	2300	JN
5. 000502-49-8	Cyclooctanone	23.24	4600	JN
6. 001678-93-9	Cyclohexane, butyl-	26.29	1700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006161.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.88 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006161.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.88 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

87

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006161.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 14.88 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	3400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006162.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 26.6 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006162.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 26.6 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

88

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4422.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006162.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 26.6 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	4400	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006163.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.23 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006163.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.23 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

89

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4422.07

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006163.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 17.23 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

90

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006164.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 11.94 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID. 90

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4422.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006164.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 11.94 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

90

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4422.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006164.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 11.94 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	3200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006165.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.81 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4422.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006165.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.81 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 91

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4422 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4422.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VA006165.D

Level: (low/med) MED Date Received: 4/16/99

% Moisture: not dec. 15.81 Date Analyzed: 4/26/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.12	4200	JN

1A

FIELD ID.

92

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006177.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 13.37 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006177.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 13.37 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

92

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.03

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006177.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 13.37 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

93

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.05

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006178.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.75 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.05

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006178.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.75 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

93

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.05

Sample wt/vol: 11.4 (g/ml) G Lab File ID: VA006178.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.75 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.07

Sample wt/vol: 12.4 (g/ml) G Lab File ID: VA006182.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 15.08 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	710	U
108203	Di-isopropyl ether	470	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	710	U
74-83-9	Bromomethane	470	U
75-00-3	Chloroethane	710	U
75-69-4	Trichlorofluoromethane	470	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	470	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	470	U
156-60-5	trans-1,2-Dichloroethene	470	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	710	U
78-93-3	2-Butanone	710	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	470	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	470	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	470	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	470	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	470	U
79-00-5	1,1,2-Trichloroethane	470	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	470	U
126-48-1	Dibromochloromethane	470	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	470	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.07

Sample wt/vol: 12.4 (g/ml) G Lab File ID: VA006182.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 15.08 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	710	U
1330-20-7	o-Xylene	470	U
100-42-5	Styrene	470	U
75-25-2	Bromoform	470	U
79-34-5	1,1,2,2-Tetrachloroethane	470	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 94

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.07

Sample wt/vol: 12.4 (g/ml) G Lab File ID: VA006182.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 15.08 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

95

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006183.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 60.91 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	4300 U
107131	Acrylonitrile	4300 U
75650	tert-Butyl alcohol	8100 U
1634044	Methyl-tert-Butyl ether	1900 U
108203	Di-isopropyl ether	1200 U
	Dichlorodifluoromethane	2500 U
74-87-3	Chloromethane	620 U
75-01-4	Vinyl Chloride	1900 U
74-83-9	Bromomethane	1200 U
75-00-3	Chloroethane	1900 U
75-69-4	Trichlorofluoromethane	1200 U
75-35-4	1,1-Dichloroethene	620 U
67-64-1	Acetone	1200 U
75-15-0	Carbon Disulfide	620 U
75-09-2	Methylene Chloride	1200 U
156-60-5	trans-1,2-Dichloroethene	1200 U
75-35-3	1,1-Dichloroethane	620 U
108-05-4	Vinyl Acetate	1900 U
78-93-3	2-Butanone	1900 U
	cis-1,2-Dichloroethene	620 U
67-66-3	Chloroform	620 U
75-55-6	1,1,1-Trichloroethane	620 U
56-23-5	Carbon Tetrachloride	1200 U
71-43-2	Benzene	620 U
107-06-2	1,2-Dichloroethane	1200 U
79-01-6	Trichloroethene	620 U
78-87-5	1,2-Dichloropropane	620 U
75-27-4	Bromodichloromethane	620 U
110-75-8	2-Chloroethyl vinyl ether	1200 U
10061-01-5	cis-1,3-Dichloropropene	620 U
108-10-1	4-Methyl-2-Pentanone	1200 U
108-88-3	Toluene	620 U
10061-02-6	trans-1,3-Dichloropropene	1200 U
79-00-5	1,1,2-Trichloroethane	1200 U
127-18-4	Tetrachloroethene	620 U
591-78-6	2-Hexanone	1200 U
126-48-1	Dibromochloromethane	1200 U
108-90-7	Chlorobenzene	620 U
100-41-4	Ethylbenzene	1200 U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

95

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4433.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006183.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 60.91 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1900	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

95

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006183.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 60.91 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.24	5300	J
2.	unknown	26.27	4300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

96

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006184.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.4 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	2500	
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

96

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006184.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.4 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

96

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4433 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4433.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006184.D

Level: (low/med) MED Date Received: 4/21/99

% Moisture: not dec. 14.4 Date Analyzed: 4/27/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006194.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 7.78 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006194.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 7.78 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

001062

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 97

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006194.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 7.78 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

98

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006214.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.51 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

98

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006214.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.51 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

98

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006214.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.51 Date Analyzed: 4/29/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.31	1900	J
2.	unknown	23.23	4300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006198.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 24.8 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006198.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 24.8 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 99

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VA006198.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 24.8 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006199.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 32.21 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006199.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 32.21 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

100

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006199.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 32.21 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.32	2700	J
2.	unknown	24.58	4400	J
3.	unknown	27.39	5100	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4442.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006200.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.55 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006200.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.55 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

101

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4442 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4442.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006200.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 15.55 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.33	2400	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006207.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.85 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006207.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.85 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.03

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VA006207.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.85 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

103

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006208.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 4.46 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006208.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 4.46 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VA006208.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 4.46 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

104

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006209.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.03 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2000 U
107131	Acrylonitrile	2000 U
75650	tert-Butyl alcohol	3700 U
1634044	Methyl-tert-Butyl ether	850 U
108203	Di-isopropyl ether	570 U
	Dichlorodifluoromethane	1100 U
74-87-3	Chloromethane	280 U
75-01-4	Vinyl Chloride	850 U
74-83-9	Bromomethane	570 U
75-00-3	Chloroethane	850 U
75-69-4	Trichlorofluoromethane	570 U
75-35-4	1,1-Dichloroethene	280 U
67-64-1	Acetone	570 U
75-15-0	Carbon Disulfide	280 U
75-09-2	Methylene Chloride	1300
156-60-5	trans-1,2-Dichloroethene	570 U
75-35-3	1,1-Dichloroethane	280 U
108-05-4	Vinyl Acetate	850 U
78-93-3	2-Butanone	850 U
	cis-1,2-Dichloroethene	280 U
67-66-3	Chloroform	280 U
75-55-6	1,1,1-Trichloroethane	280 U
56-23-5	Carbon Tetrachloride	570 U
71-43-2	Benzene	280 U
107-06-2	1,2-Dichloroethane	570 U
79-01-6	Trichloroethene	280 U
78-87-5	1,2-Dichloropropane	280 U
75-27-4	Bromodichloromethane	280 U
110-75-8	2-Chloroethyl vinyl ether	570 U
10061-01-5	cis-1,3-Dichloropropene	280 U
108-10-1	4-Methyl-2-Pentanone	570 U
108-88-3	Toluene	280 U
10061-02-6	trans-1,3-Dichloropropene	570 U
79-00-5	1,1,2-Trichloroethane	570 U
127-18-4	Tetrachloroethene	280 U
591-78-6	2-Hexanone	570 U
126-48-1	Dibromochloromethane	570 U
108-90-7	Chlorobenzene	280 U
100-41-4	Ethylbenzene	570 U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006209.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.03 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006209.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 12.03 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	19.87	2400	J
2.	unknown	19.93	1700	J
3.	unknown	20.02	2000	J
4.	unknown	20.33	3100	J
5.	unknown	21.66	2400	J
6.	unknown	21.74	2900	J
7. 005911-04-6	Nonane, 3-methyl-	22.34	2000	JN
8.	unknown	22.75	2700	J
9. 000696-29-7	Cyclohexane, (1-methylethyl)-	23.22	7900	JN
10. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	24.26	3700	JN
11.	unknown	24.61	4500	J
12.	unknown	24.80	2600	J
13.	unknown	25.26	1900	J
14. 001678-93-9	Cyclohexane, butyl-	26.28	2900	JN
15. 001636-39-1	1,1'-Bicyclopentyl	27.76	1800	JN

1A

FIELD ID.

105

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4445.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006210.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 26.69 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

105

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4445.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006210.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 26.69 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

105

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VA006210.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 26.69 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.34	2500	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

106

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006196.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 25.62 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

106

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006196.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 25.62 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

106

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VA006196.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 25.62 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.31	2300	J

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

107

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006197.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.82 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

107

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4445.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006197.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.82 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

107

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4445 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4445.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006197.D

Level: (low/med) MED Date Received: 4/27/99

% Moisture: not dec. 16.82 Date Analyzed: 4/28/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006305.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 21.96 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	1700	
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006305.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 21.96 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.03

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VA006305.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 21.96 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	4200	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006306.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.52 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	340	
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006306.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.52 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

109

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006306.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 11.52 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2300	JN
2.	unknown	23.25	2100	J

1A

FIELD ID.

110

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006307.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 8.23 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006307.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 8.23 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

110

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.07

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VA006307.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 8.23 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006308.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 16 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006308.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 16 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 111

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4461 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4461.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VA006308.D

Level: (low/med) MED Date Received: 5/4/99

% Moisture: not dec. 16 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000135-01-3	Benzene, 1,2-diethyl-	27.48	3200	JN
2. 000493-02-7	Naphthalene, decahydro-, trans-	27.77	3300	JN
3. 002958-76-1	Naphthalene, decahydro-2-methyl	29.04	2000	JN
4. 000110-54-3	Hexane	10.10	2300	JN
5. 005911-04-6	Nonane, 3-methyl-	22.35	3200	JN
6.	unknown	22.77	3300	J
7.	unknown	23.16	2600	J
8.	unknown	23.25	9400	J
9.	unknown	24.26	3200	J
10.	unknown	24.62	2800	J
11.	unknown	24.69	3300	J
12.	unknown	24.81	4300	J
13. 002847-72-5	Decane, 4-methyl-	25.03	3500	JN
14.	unknown	25.27	2600	J
15. 001678-93-9	Cyclohexane, butyl-	26.29	7000	JN

1A

FIELD ID.

113

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.03

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006318.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture; not dec. 10.39 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.03

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VA006318.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 10.39 Date Analyzed: 5/11/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	6600	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006330.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 3.08 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	770	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	770	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	770	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	4600	
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	770	U
78-93-3	2-Butanone	770	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	510	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006330.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 3.08 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	770	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VA006330.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 3.08 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.09	2600	JN
2.	unknown	20.34	2200	J
3.	unknown	21.75	3300	J
4. 015869-94-0	Octane, 3,6-dimethyl-	22.34	2900	JN
5. 014676-29-0	Heptane, 3-ethyl-2-methyl-	22.76	4900	JN
6.	unknown	23.16	3500	J
7.	unknown	23.24	12000	J
8. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	24.26	5300	JN
9.	unknown	24.62	4600	J
10.	unknown	24.69	3600	J
11.	unknown	24.81	4200	J
12.	unknown	25.27	3400	J
13.	unknown	26.05	2900	J
14. 001678-98-4	Cyclohexane, (2-methylpropyl)-	26.28	6400	JN
15. 000493-02-7	Naphthalene, decahydro-, trans-	27.76	2500	JN

1A

FIELD ID.

115

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006331.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.55 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	5000	
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

115

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4465.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006331.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.55 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 115

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006331.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 12.55 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2500	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116

Lab Name: FMETL NJDEP #: 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006332.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 13.48 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND	Q
107028	Acrolein	2000 U
107131	Acrylonitrile	2000 U
75650	tert-Butyl alcohol	3700 U
1634044	Methyl-tert-Butyl ether	850 U
108203	Di-isopropyl ether	560 U
	Dichlorodifluoromethane	1100 U
74-87-3	Chloromethane	280 U
75-01-4	Vinyl Chloride	850 U
74-83-9	Bromomethane	560 U
75-00-3	Chloroethane	850 U
75-69-4	Trichlorofluoromethane	560 U
75-35-4	1,1-Dichloroethene	280 U
67-64-1	Acetone	5100
75-15-0	Carbon Disulfide	280 U
75-09-2	Methylene Chloride	560 U
156-60-5	trans-1,2-Dichloroethene	560 U
75-35-3	1,1-Dichloroethane	280 U
108-05-4	Vinyl Acetate	850 U
78-93-3	2-Butanone	850 U
	cis-1,2-Dichloroethene	280 U
67-66-3	Chloroform	280 U
75-55-6	1,1,1-Trichloroethane	280 U
56-23-5	Carbon Tetrachloride	560 U
71-43-2	Benzene	280 U
107-06-2	1,2-Dichloroethane	560 U
79-01-6	Trichloroethene	280 U
78-87-5	1,2-Dichloropropane	280 U
75-27-4	Bromodichloromethane	280 U
110-75-8	2-Chloroethyl vinyl ether	560 U
10061-01-5	cis-1,3-Dichloropropene	280 U
108-10-1	4-Methyl-2-Pentanone	560 U
108-88-3	Toluene	280 U
10061-02-6	trans-1,3-Dichloropropene	560 U
79-00-5	1,1,2-Trichloroethane	560 U
127-18-4	Tetrachloroethene	280 U
591-78-6	2-Hexanone	560 U
126-48-1	Dibromochloromethane	560 U
108-90-7	Chlorobenzene	280 U
100-41-4	Ethylbenzene	560 U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006332.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 13.48 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VA006332.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 13.48 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.10	2500	JN

1A

FIELD ID.

117

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4465.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006333.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 18.88 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	5500	
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID.

117

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4465.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006333.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 18.88 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4465.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VA006333.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 18.88 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2700	JN

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006334.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 9.11 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006334.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 9.11 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4465 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4465.13

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VA006334.D

Level: (low/med) MED Date Received: 5/6/99

% Moisture: not dec. 9.11 Date Analyzed: 5/12/99

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.11	2800	JN

1A

FIELD ID: 64-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB004685.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 29.2 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	710	U
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	710	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	710	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB004685.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 29.2 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 64-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB004685.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 29.2 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001129

1A

FIELD ID: 65-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.05

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB004686.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 15.67 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.05

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB004686.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 15.67 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.05

Sample wt/vol: 8.3 (g/ml) G Lab File ID: VB004686.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 15.67 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004687.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 9.48 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004687.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 9.48 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004687.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 9.48 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004688.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 14.54 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004688.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 14.54 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004688.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 14.54 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 68-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004689.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 18.78 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID: 68-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004689.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 18.78 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 68-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004689.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 18.78 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 69-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4912.13

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004690.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 6.38 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID: 69-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.13

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004690.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 6.38 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **69-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4912 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4912.13

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004690.D

Level: (low/med) MED Date Received: 11/3/99

% Moisture: not dec. 6.38 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004692.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.7 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004692.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.7 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004692.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.7 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 65-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB004693.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 7.04 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	990	
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

FIELD ID: 65-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB004693.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 7.04 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB004693.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 7.04 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 66-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004694.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 8.91 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID: 66-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004694.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 8.91 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004694.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 8.91 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: **67-B**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004695.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 10.1 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004695.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 10.1 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 67-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB004695.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 10.1 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **68-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001159

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

69-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

69-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **69-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

113-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

113-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **113-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001165

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	770	
100-41-4	Ethylbenzene	640	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001168

1A

FIELD ID: 115-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **115-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001174

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001180

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID: 115-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 115-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001183

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **68-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.11

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004696.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 9.31 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 69-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

69-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **69-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4915 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4915.13

Sample wt/vol: 9.0 (g/ml) G Lab File ID: VB004697.D

Level: (low/med) MED Date Received: 11/4/99

% Moisture: not dec. 13.68 Date Analyzed: 11/5/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 113-A

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

113-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **113-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.03

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004758.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 9.73 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	770	
100-41-4	Ethylbenzene	640	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004759.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 18.71 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001168

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **115-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.07

Sample wt/vol: 12.2 (g/ml) G Lab File ID: VB004760.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 22.86 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4931 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4931.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004761.D

Level: (low/med) MED Date Received: 11/8/99

% Moisture: not dec. 10.88 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001174

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-A

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-A**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB004765.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 14.06 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001177

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.05

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB004766.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 7.85 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **115-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB004767.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 8.42 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001183

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB004768.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 15.66 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001156

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004769.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.67 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004769.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.67 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB004769.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 11.67 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001189

1A

FIELD ID: 118-B

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004770.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 10.43 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

118-B

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004770.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 10.43 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **118-B**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4933 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4933.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004770.D

Level: (low/med) MED Date Received: 11/10/99

% Moisture: not dec. 10.43 Date Analyzed: 11/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001152

1A

FIELD ID: 114-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004929.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 13.33 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004929.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 13.33 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 114-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.03

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004929.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 13.33 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001185

1A

FIELD ID: 115-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB004930.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 13.31 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID: 115-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.05

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB004930.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 13.31 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004931.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 7.47 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB004931.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 7.47 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 117-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB004932.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 11.56 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB004932.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 11.56 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB004932.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 11.56 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001704

1A

FIELD ID: 118-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004933.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 24.05 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID: 118-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004933.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 24.05 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 118-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB004933.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 24.05 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

119-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4968.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004934.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 9.93 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

119-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004934.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 9.93 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **119-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4968 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4968.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB004934.D

Level: (low/med) MED Date Received: 11/30/99

% Moisture: not dec. 9.93 Date Analyzed: 12/1/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001210

1A

FIELD ID: 113-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005001.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 48.2 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6300	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	970	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	480	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	970	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	970	U
75-35-4	1,1-Dichloroethene	480	U
67-64-1	Acetone	970	U
75-15-0	Carbon Disulfide	480	U
75-09-2	Methylene Chloride	970	U
156-60-5	trans-1,2-Dichloroethene	970	U
75-35-3	1,1-Dichloroethane	480	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	480	U
67-66-3	Chloroform	480	U
75-55-6	1,1,1-Trichloroethane	480	U
56-23-5	Carbon Tetrachloride	970	U
71-43-2	Benzene	480	U
107-06-2	1,2-Dichloroethane	970	U
79-01-6	Trichloroethene	480	U
78-87-5	1,2-Dichloropropane	480	U
75-27-4	Bromodichloromethane	480	U
110-75-8	2-Chloroethyl vinyl ether	970	U
10061-01-5	cis-1,3-Dichloropropene	480	U
108-10-1	4-Methyl-2-Pentanone	970	U
108-88-3	Toluene	480	U
10061-02-6	trans-1,3-Dichloropropene	970	U
79-00-5	1,1,2-Trichloroethane	970	U
127-18-4	Tetrachloroethene	480	U
591-78-6	2-Hexanone	970	U
126-48-1	Dibromochloromethane	970	U
108-90-7	Chlorobenzene	1100	
100-41-4	Ethylbenzene	970	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

113-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005001.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 48.2 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	970	U
100-42-5	Styrene	970	U
75-25-2	Bromoform	970	U
79-34-5	1,1,2,2-Tetrachloroethane	970	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **113-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005001.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 48.2 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 014676-29-0	Heptane, 3-ethyl-2-methyl-	28.74	3500	JN

1A

FIELD ID: 114-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005002.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 14.19 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005002.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 14.19 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005002.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 14.19 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 115-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005003.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 7.54 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005003.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 7.54 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **115-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005003.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 7.54 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: **116-D**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005004.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 11.07 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID: **116-D**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005004.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 11.07 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005004.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 11.07 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001282

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005005.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 18.27 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	350	
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID: **117-D**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4971.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005005.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 18.27 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **117-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4971 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4971.11

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005005.D

Level: (low/med) MED Date Received: 12/1/99

% Moisture: not dec. 18.27 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 118-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005007.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 14.3 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

118-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005007.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 14.3 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **118-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005007.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 14.3 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 113-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005008.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 23.1 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	390	
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

113-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005008.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 23.1 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **113-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4972.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005008.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 23.1 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 114-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005009.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 36.81 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5700	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	870	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	440	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	870	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	870	U
75-35-4	1,1-Dichloroethene	440	U
67-64-1	Acetone	870	U
75-15-0	Carbon Disulfide	440	U
75-09-2	Methylene Chloride	870	U
156-60-5	trans-1,2-Dichloroethene	870	U
75-35-3	1,1-Dichloroethane	440	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	440	U
67-66-3	Chloroform	490	
75-55-6	1,1,1-Trichloroethane	440	U
56-23-5	Carbon Tetrachloride	870	U
71-43-2	Benzene	440	U
107-06-2	1,2-Dichloroethane	870	U
79-01-6	Trichloroethene	440	U
78-87-5	1,2-Dichloropropane	440	U
75-27-4	Bromodichloromethane	440	U
110-75-8	2-Chloroethyl vinyl ether	870	U
10061-01-5	cis-1,3-Dichloropropene	440	U
108-10-1	4-Methyl-2-Pentanone	870	U
108-88-3	Toluene	540	
10061-02-6	trans-1,3-Dichloropropene	870	U
79-00-5	1,1,2-Trichloroethane	870	U
127-18-4	Tetrachloroethene	440	U
591-78-6	2-Hexanone	870	U
126-48-1	Dibromochloromethane	870	U
108-90-7	Chlorobenzene	440	U
100-41-4	Ethylbenzene	1100	

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

114-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005009.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 36.81 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2800	
1330-20-7	o-Xylene	1200	
100-42-5	Styrene	870	U
75-25-2	Bromoform	870	U
79-34-5	1,1,2,2-Tetrachloroethane	870	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **114-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005009.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 36.81 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005010.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 11.26 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

115-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005010.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 11.26 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **115-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.09

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005010.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 11.26 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001237

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4972.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005011.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 9.67 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

116-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4972.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005011.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 9.67 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **116-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4972 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4972.11

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005011.D

Level: (low/med) MED Date Received: 12/2/99

% Moisture: not dec. 9.67 Date Analyzed: 12/8/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005034.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 19.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	5000	
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

117-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4979.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005034.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 19.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 117-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005034.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 19.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001213

1A

FIELD ID: 118-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005035.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 16.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

118-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4979.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005035.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 16.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **118-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.05

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005035.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 16.09 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005036.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 6.16 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005036.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 6.16 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 64-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005036.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 6.16 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 65-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005037.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 43.08 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6200	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	960	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	480	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	960	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	960	U
75-35-4	1,1-Dichloroethene	480	U
67-64-1	Acetone	960	U
75-15-0	Carbon Disulfide	480	U
75-09-2	Methylene Chloride	960	U
156-60-5	trans-1,2-Dichloroethene	960	U
75-35-3	1,1-Dichloroethane	480	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	480	U
67-66-3	Chloroform	480	U
75-55-6	1,1,1-Trichloroethane	480	U
56-23-5	Carbon Tetrachloride	960	U
71-43-2	Benzene	480	U
107-06-2	1,2-Dichloroethane	960	U
79-01-6	Trichloroethene	480	U
78-87-5	1,2-Dichloropropane	480	U
75-27-4	Bromodichloromethane	480	U
110-75-8	2-Chloroethyl vinyl ether	960	U
10061-01-5	cis-1,3-Dichloropropene	480	U
108-10-1	4-Methyl-2-Pentanone	960	U
108-88-3	Toluene	480	U
10061-02-6	trans-1,3-Dichloropropene	960	U
79-00-5	1,1,2-Trichloroethane	960	U
127-18-4	Tetrachloroethene	480	U
591-78-6	2-Hexanone	960	U
126-48-1	Dibromochloromethane	960	U
108-90-7	Chlorobenzene	480	U
100-41-4	Ethylbenzene	960	U

1A

FIELD ID: 65-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005037.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 43.08 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	960	U
100-42-5	Styrene	960	U
75-25-2	Bromoform	960	U
79-34-5	1,1,2,2-Tetrachloroethane	960	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005037.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 43.08 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 66-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005038.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 17.79 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID: 66-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005038.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 17.79 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005038.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 17.79 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001255

1A

FIELD ID: 67-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005039.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 5.64 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005039.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 5.64 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67-C**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4979.13

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005039.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 5.64 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 68-C

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005040.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 21.17 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005040.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 21.17 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 68-C

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4979 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4979.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005040.D

Level: (low/med) MED Date Received: 12/3/99

% Moisture: not dec. 21.17 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4990.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005042.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 11.3 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005042.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 11.3 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.03

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005042.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 11.3 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001264

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005043.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 14.72 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005043.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 14.72 Date Analyzed: 12/9/99

GC Column: RTX502, ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4990.05

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB005043.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 14.72 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001267

1A

FIELD ID: **66-D**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005044.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 4.4 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005044.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 4.4 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005044.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 4.4 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: **67-D**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005045.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 7.75 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID: 67-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005045.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 7.75 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4990 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4990.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005045.D

Level: (low/med) MED Date Received: 12/6/99

% Moisture: not dec. 7.75 Date Analyzed: 12/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 68-D

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.03

Sample wt/vol: 8.0 (g/ml) G Lab File ID: VB005105.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.81 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	550	
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	380	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68-D

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.03

Sample wt/vol: 8.0 (g/ml) G Lab File ID: VB005105.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.81 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **68-D**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.03

Sample wt/vol: 8.0 (g/ml) G Lab File ID: VB005105.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.81 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005106.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.11 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	430	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005106.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.11 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.05

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005106.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.11 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001379

1A

FIELD ID: 65-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005107.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 10.36 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	340	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005107.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 10.36 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.07

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB005107.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 10.36 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001282

1A

FIELD ID: 66-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005108.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.85 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	330	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID: 66-E

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005108.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.85 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66-E**

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.09

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005108.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 13.85 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.11

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB005109.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.52 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	690	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	690	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	690	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	690	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	690	U
156-60-5	trans-1,2-Dichloroethene	690	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	410	
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	690	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	690	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	690	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	690	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	690	U
79-00-5	1,1,2-Trichloroethane	690	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	690	U
126-48-1	Dibromochloromethane	690	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	690	U

1A

FIELD ID: **67-E**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4995.11

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB005109.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.52 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	690	U
100-42-5	Styrene	690	U
75-25-2	Bromoform	690	U
79-34-5	1,1,2,2-Tetrachloroethane	690	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 67-E

Lab Name: FMETL NJDEP#: 13461

Project: 980211 Case No.: 4995 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4995.11

Sample wt/vol: 8.8 (g/ml) G Lab File ID: VB005109.D

Level: (low/med) MED Date Received: 12/7/99

% Moisture: not dec. 16.52 Date Analyzed: 12/11/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001288

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001808.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.58 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	6700	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	550	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001808.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.58 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001808.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.58 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001291

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001809.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.14 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	7300	
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	760	
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001809.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.14 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001809.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.14 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001054

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC001810.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.32 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	7600	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	860	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC001810.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.32 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC001810.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.32 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.06

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001811.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.29 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	7500	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	830	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.06

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001811.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.29 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.06

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001811.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 7.29 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001812.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.09 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001812.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.09 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001812.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.09 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.08

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001813.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 11.89 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	6200	
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	770	
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.08

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001813.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 11.89 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.08

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001813.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 11.89 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001814.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.43 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	7200	
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	840	
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001814.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.43 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC001814.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 18.43 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001815.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 24.85 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	7000	
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	780	
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001815.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 24.85 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.10

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001815.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 24.85 Date Analyzed: 1/4/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.11

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VC001825.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.55 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	5000	
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	520	
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.11

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VC001825.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.55 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.11

Sample wt/vol: 10.8 (g/ml) G Lab File ID: VC001825.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.55 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.12

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VC001826.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 8.68 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	730	U
108203	Di-isopropyl ether	490	U
	Dichlorodifluoromethane	980	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	730	U
74-83-9	Bromomethane	490	U
75-00-3	Chloroethane	730	U
75-69-4	Trichlorofluoromethane	490	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	490	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	670	
156-60-5	trans-1,2-Dichloroethene	490	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	730	U
78-93-3	2-Butanone	4900	
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	590	
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	490	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	490	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	490	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	490	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	490	U
79-00-5	1,1,2-Trichloroethane	490	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	490	U
126-48-1	Dibromochloromethane	490	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	490	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.12

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VC001826.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 8.68 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	730	U
1330-20-7	o-Xylene	490	U
100-42-5	Styrene	490	U
75-25-2	Bromoform	490	U
79-34-5	1,1,2,2-Tetrachloroethane	490	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.12

Sample wt/vol: 11.2 (g/ml) G Lab File ID: VC001826.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 8.68 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001827.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.73 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	370	J
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	4500	
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	680	
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001827.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.73 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC001827.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 12.73 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.14

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001828.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.74 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	4700	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	670	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.14

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001828.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.74 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.14

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001828.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 15.74 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001829.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 16.76 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	4500	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	740	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5058.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001829.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 16.76 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118F

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5058 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5058.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001829.D

Level: (low/med) MED Date Received: 12/16/99

% Moisture: not dec. 16.76 Date Analyzed: 1/5/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001881.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.74 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	640	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1700	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	1400	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001881.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.74 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.03

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001881.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.74 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001882.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 12.71 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	2300	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	1600	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	1500	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001882.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 12.71 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.04

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VC001882.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 12.71 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001883.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 14.05 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	1600	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001883.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 14.05 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001883.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 14.05 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.06

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC001884.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 29.75 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4800	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	370	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	370	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	370	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	370	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	370	U
67-66-3	Chloroform	2000	
75-55-6	1,1,1-Trichloroethane	370	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	370	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	370	U
78-87-5	1,2-Dichloropropane	370	U
75-27-4	Bromodichloromethane	370	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	370	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	370	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	370	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	370	U
100-41-4	Ethylbenzene	750	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.06

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC001884.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 29.75 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.06

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VC001884.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 29.75 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001885.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 10.35 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1400	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	1500	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001885.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 10.35 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001885.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 10.35 Date Analyzed: 1/7/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001893.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.67 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	2400	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	1600	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	1700	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001893.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.67 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.08

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001893.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.67 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001894.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 17.47 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	1500	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001894.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 17.47 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.09

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC001894.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 17.47 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.10

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VC001895.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.04 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	1300	
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.10

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VC001895.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.04 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5064.10

Sample wt/vol: 11.0 (g/ml) G Lab File ID: VC001895.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 13.04 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001896.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 11.99 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	2600	
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	1600	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	1600	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001896.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 11.99 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117G

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC001896.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 11.99 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.18

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC001897.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.61 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	1900	
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.18

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC001897.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.61 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID. 118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.18

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC001897.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.61 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.19

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001898.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.83 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	2500	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	1600	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.19

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001898.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.83 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 5064 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5064.19

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC001898.D

Level: (low/med) MED Date Received: 1/5/00

% Moisture: not dec. 16.83 Date Analyzed: 1/8/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005444.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.73 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	2800	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1400	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	400	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005444.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.73 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005444.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.73 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB005445.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 31.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	4700	
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	2200	
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	520	
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB005445.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 31.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB005445.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 31.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005446.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.3 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	2800	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	1400	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005446.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.3 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB005446.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.3 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.06

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB005447.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.12 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	3500	
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1700	
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	520	
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.06

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB005447.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.12 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.06

Sample wt/vol: 8.4 (g/ml) G Lab File ID: VB005447.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.12 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005448.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.72 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	3500	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	1700	
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	500	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005448.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.72 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.07

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB005448.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.72 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005449.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.85 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	3300	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005449.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.85 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005449.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.85 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001378

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB005450.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 63.64 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	5700	U
107131	Acrylonitrile	5700	U
75650	tert-Butyl alcohol	11000	U
1634044	Methyl-tert-Butyl ether	2400	U
108203	Di-isopropyl ether	1600	U
	Dichlorodifluoromethane	3200	U
74-87-3	Chloromethane	810	U
75-01-4	Vinyl Chloride	2400	U
74-83-9	Bromomethane	1600	U
75-00-3	Chloroethane	2400	U
75-69-4	Trichlorofluoromethane	1600	U
75-35-4	1,1-Dichloroethene	810	U
67-64-1	Acetone	10000	
75-15-0	Carbon Disulfide	990	
75-09-2	Methylene Chloride	1600	U
156-60-5	trans-1,2-Dichloroethene	1600	U
75-35-3	1,1-Dichloroethane	810	U
108-05-4	Vinyl Acetate	2400	U
78-93-3	2-Butanone	4500	
	cis-1,2-Dichloroethene	810	U
67-66-3	Chloroform	1300	
75-55-6	1,1,1-Trichloroethane	810	U
56-23-5	Carbon Tetrachloride	1600	U
71-43-2	Benzene	810	U
107-06-2	1,2-Dichloroethane	1600	U
79-01-6	Trichloroethene	810	U
78-87-5	1,2-Dichloropropane	810	U
75-27-4	Bromodichloromethane	810	U
110-75-8	2-Chloroethyl vinyl ether	1600	U
10061-01-5	cis-1,3-Dichloropropene	810	U
108-10-1	4-Methyl-2-Pentanone	1600	U
108-88-3	Toluene	810	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
127-18-4	Tetrachloroethene	810	U
591-78-6	2-Hexanone	1600	U
126-48-1	Dibromochloromethane	1600	U
108-90-7	Chlorobenzene	810	U
100-41-4	Ethylbenzene	1600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB005450.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 63.64 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2400	U
1330-20-7	o-Xylene	1600	U
100-42-5	Styrene	1600	U
75-25-2	Bromoform	1600	U
79-34-5	1,1,2,2-Tetrachloroethane	1600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.09

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB005450.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 63.64 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.10

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005451.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 32.78 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5300	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	810	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	810	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	810	U
75-35-4	1,1-Dichloroethene	410	U
67-64-1	Acetone	3300	
75-15-0	Carbon Disulfide	410	U
75-09-2	Methylene Chloride	810	U
156-60-5	trans-1,2-Dichloroethene	810	U
75-35-3	1,1-Dichloroethane	410	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1800	
	cis-1,2-Dichloroethene	410	U
67-66-3	Chloroform	410	U
75-55-6	1,1,1-Trichloroethane	410	U
56-23-5	Carbon Tetrachloride	810	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	810	U
79-01-6	Trichloroethene	410	U
78-87-5	1,2-Dichloropropane	410	U
75-27-4	Bromodichloromethane	410	U
110-75-8	2-Chloroethyl vinyl ether	810	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-Pentanone	810	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	810	U
79-00-5	1,1,2-Trichloroethane	810	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	810	U
126-48-1	Dibromochloromethane	810	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	810	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.10

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005451.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 32.78 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	810	U
100-42-5	Styrene	810	U
75-25-2	Bromoform	810	U
79-34-5	1,1,2,2-Tetrachloroethane	810	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.10

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB005451.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 32.78 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005452.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	4200	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	1800	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	420	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005452.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005452.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.39 Date Analyzed: 1/11/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001997.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	5300	
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	2400	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	520	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001997.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.12

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001997.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 13.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001998.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.23 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	4300	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	2000	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	540	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001998.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.23 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VC001998.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.23 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001999.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 52.36 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3600	U
107131	Acrylonitrile	3600	U
75650	tert-Butyl alcohol	6700	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2100	U
74-87-3	Chloromethane	520	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	520	U
67-64-1	Acetone	5600	
75-15-0	Carbon Disulfide	520	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	520	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	2700	
	cis-1,2-Dichloroethene	520	U
67-66-3	Chloroform	930	
75-55-6	1,1,1-Trichloroethane	520	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	520	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	520	U
78-87-5	1,2-Dichloropropane	520	U
75-27-4	Bromodichloromethane	520	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	520	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	520	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	520	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	840	
100-41-4	Ethylbenzene	1000	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001999.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 52.36 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.14

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC001999.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 52.36 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC002000.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.32 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	3500	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	560	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC002000.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.32 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.15

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VC002000.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.32 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.16

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC002001.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.96 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	3600	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	1700	
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	590	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.16

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC002001.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.96 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.16

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VC002001.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 12.96 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC002002.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.14 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	330	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5072.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC002002.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.14 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114H

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5072 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5072.17

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VC002002.D

Level: (low/med) MED Date Received: 1/6/00

% Moisture: not dec. 16.14 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC002004.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 14.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	2700	
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	1400	
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	550	
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

118

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC002004.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 14.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

118

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VC002004.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 14.9 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

116I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.04

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC002005.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 43.26 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3400	U
107131	Acrylonitrile	3400	U
75650	tert-Butyl alcohol	6400	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	980	U
	Dichlorodifluoromethane	2000	U
74-87-3	Chloromethane	490	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	980	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	980	U
75-35-4	1,1-Dichloroethene	490	U
67-64-1	Acetone	9500	
75-15-0	Carbon Disulfide	490	U
75-09-2	Methylene Chloride	980	U
156-60-5	trans-1,2-Dichloroethene	980	U
75-35-3	1,1-Dichloroethane	490	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	4600	
	cis-1,2-Dichloroethene	490	U
67-66-3	Chloroform	980	
75-55-6	1,1,1-Trichloroethane	490	U
56-23-5	Carbon Tetrachloride	980	U
71-43-2	Benzene	490	U
107-06-2	1,2-Dichloroethane	980	U
79-01-6	Trichloroethene	490	U
78-87-5	1,2-Dichloropropane	490	U
75-27-4	Bromodichloromethane	490	U
110-75-8	2-Chloroethyl vinyl ether	980	U
10061-01-5	cis-1,3-Dichloropropene	490	U
108-10-1	4-Methyl-2-Pentanone	980	U
108-88-3	Toluene	490	U
10061-02-6	trans-1,3-Dichloropropene	980	U
79-00-5	1,1,2-Trichloroethane	980	U
127-18-4	Tetrachloroethene	490	U
591-78-6	2-Hexanone	980	U
126-48-1	Dibromochloromethane	980	U
108-90-7	Chlorobenzene	490	U
100-41-4	Ethylbenzene	980	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1161

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.04

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC002005.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 43.26 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	980	U
100-42-5	Styrene	980	U
75-25-2	Bromoform	980	U
79-34-5	1,1,2,2-Tetrachloroethane	980	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

116I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5075.04

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VC002005.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 43.26 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001411

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1131

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC002006.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 36.66 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2900	U
107131	Acrylonitrile	2900	U
75650	tert-Butyl alcohol	5300	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	820	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	410	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	820	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	820	U
75-35-4	1,1-Dichloroethene	410	U
67-64-1	Acetone	820	U
75-15-0	Carbon Disulfide	410	U
75-09-2	Methylene Chloride	820	U
156-60-5	trans-1,2-Dichloroethene	820	U
75-35-3	1,1-Dichloroethane	410	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1700	
	cis-1,2-Dichloroethene	410	U
67-66-3	Chloroform	810	
75-55-6	1,1,1-Trichloroethane	410	U
56-23-5	Carbon Tetrachloride	820	U
71-43-2	Benzene	410	U
107-06-2	1,2-Dichloroethane	820	U
79-01-6	Trichloroethene	410	U
78-87-5	1,2-Dichloropropane	410	U
75-27-4	Bromodichloromethane	410	U
110-75-8	2-Chloroethyl vinyl ether	820	U
10061-01-5	cis-1,3-Dichloropropene	410	U
108-10-1	4-Methyl-2-Pentanone	820	U
108-88-3	Toluene	410	U
10061-02-6	trans-1,3-Dichloropropene	820	U
79-00-5	1,1,2-Trichloroethane	820	U
127-18-4	Tetrachloroethene	410	U
591-78-6	2-Hexanone	820	U
126-48-1	Dibromochloromethane	820	U
108-90-7	Chlorobenzene	410	U
100-41-4	Ethylbenzene	820	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

113I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC002006.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 36.66 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	820	U
100-42-5	Styrene	820	U
75-25-2	Bromoform	820	U
79-34-5	1,1,2,2-Tetrachloroethane	820	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

113I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.05

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VC002006.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 36.66 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

114I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002007.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 20.08 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	1500	
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	630	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1141

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002007.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 20.08 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

114I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002007.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 20.08 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001417

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1151

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VC002008.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 32.62 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	5100	
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	680	
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

115I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VC002008.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 32.62 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

115I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.07

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VC002008.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 32.62 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1171

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC002009.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 21.95 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	1300	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	620	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

1171

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC002009.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 21.95 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

117I

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5075 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5075.08

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VC002009.D

Level: (low/med) MED Date Received: 1/7/00

% Moisture: not dec. 21.95 Date Analyzed: 1/13/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 67F

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.02

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005511.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.28 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	2400	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	1200	
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	490	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.02

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005511.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.28 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

001425

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.02

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005511.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.28 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005512.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 21.17 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	1700	
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	990	
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	480	
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005512.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 21.17 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005512.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 21.17 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 65F

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.04

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB005513.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 49.1 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	4000	U
107131	Acrylonitrile	4000	U
75650	tert-Butyl alcohol	7400	U
1634044	Methyl-tert-Butyl ether	1700	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2300	U
74-87-3	Chloromethane	570	U
75-01-4	Vinyl Chloride	1700	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	570	U
67-64-1	Acetone	2800	
75-15-0	Carbon Disulfide	570	U
75-09-2	Methylene Chloride	1100	U
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	570	U
108-05-4	Vinyl Acetate	1700	U
78-93-3	2-Butanone	1600	J
	cis-1,2-Dichloroethene	570	U
67-66-3	Chloroform	860	
75-55-6	1,1,1-Trichloroethane	570	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	570	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	570	U
78-87-5	1,2-Dichloropropane	570	U
75-27-4	Bromodichloromethane	570	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	570	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	570	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	570	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	5100	
100-41-4	Ethylbenzene	1100	U

1A

FIELD ID: **65F**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.04

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB005513.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 49.1 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1700	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.04

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB005513.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 49.1 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.05

Sample wt/vol: 12.8 (g/ml) G Lab File ID: VB005514.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 23.2 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	1800	
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	970	
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	440	
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.05

Sample wt/vol: 12.8 (g/ml) G Lab File ID: VB005514.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 23.2 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.05

Sample wt/vol: 12.8 (g/ml) G Lab File ID: VB005514.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 23.2 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005515.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.97 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	2000	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	1000	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	510	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	6000	
100-41-4	Ethylbenzene	610	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005515.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.97 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5085 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5085.06

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB005515.D

Level: (low/med) MED Date Received: 1/10/00

% Moisture: not dec. 17.97 Date Analyzed: 1/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001438

1A

FIELD ID: 68F

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005561.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 65.56 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	5200	U
107131	Acrylonitrile	5200	U
75650	tert-Butyl alcohol	9700	U
1634044	Methyl-tert-Butyl ether	2200	U
108203	Di-isopropyl ether	1500	U
	Dichlorodifluoromethane	3000	U
74-87-3	Chloromethane	750	U
75-01-4	Vinyl Chloride	2200	U
74-83-9	Bromomethane	1500	U
75-00-3	Chloroethane	2200	U
75-69-4	Trichlorofluoromethane	1500	U
75-35-4	1,1-Dichloroethene	750	U
67-64-1	Acetone	5300	
75-15-0	Carbon Disulfide	750	U
75-09-2	Methylene Chloride	3000	
156-60-5	trans-1,2-Dichloroethene	1500	U
75-35-3	1,1-Dichloroethane	750	U
108-05-4	Vinyl Acetate	2200	U
78-93-3	2-Butanone	2400	
	cis-1,2-Dichloroethene	750	U
67-66-3	Chloroform	1200	
75-55-6	1,1,1-Trichloroethane	750	U
56-23-5	Carbon Tetrachloride	1500	U
71-43-2	Benzene	750	U
107-06-2	1,2-Dichloroethane	1500	U
79-01-6	Trichloroethene	750	U
78-87-5	1,2-Dichloropropane	750	U
75-27-4	Bromodichloromethane	750	U
110-75-8	2-Chloroethyl vinyl ether	1500	U
10061-01-5	cis-1,3-Dichloropropene	750	U
108-10-1	4-Methyl-2-Pentanone	1500	U
108-88-3	Toluene	750	U
10061-02-6	trans-1,3-Dichloropropene	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
127-18-4	Tetrachloroethene	750	U
591-78-6	2-Hexanone	1500	U
126-48-1	Dibromochloromethane	1500	U
108-90-7	Chlorobenzene	5000	
100-41-4	Ethylbenzene	1500	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

68F

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005561.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 65.56 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2200	U
1330-20-7	o-Xylene	1500	U
100-42-5	Styrene	1500	U
75-25-2	Bromoform	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **68F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB005561.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 65.56 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 69F

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.04

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005562.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 21.98 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	3000	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	1200	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	530	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID: **69F**

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.04

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005562.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 21.98 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **69F**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.04

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005562.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 21.98 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 64G

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005563.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 10.71 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	2300	
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	940	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	1100	
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	490	
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

64G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005563.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 10.71 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **64G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB005563.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 10.71 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.06

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005564.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 22.36 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	3900	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	810	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	1800	
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	550	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

65G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.06

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005564.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 22.36 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **65G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.06

Sample wt/vol: 10.6 (g/ml) G Lab File ID: VB005564.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 22.36 Date Analyzed: 1/18/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005592.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 18.63 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	1700	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	840	
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	880	J
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	500	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

66G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005592.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 18.63 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **66G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB005592.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 18.63 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: 67G

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.08

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005593.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 15.56 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	2000	
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	960	
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	510	
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

67G

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.08

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005593.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 15.56 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **67G**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5091 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5091.08

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005593.D

Level: (low/med) MED Date Received: 1/12/00

% Moisture: not dec. 15.56 Date Analyzed: 1/19/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

G-69

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002117.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 15.26 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	870	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

G-69

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002117.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 15.26 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	350	J
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

G-69

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002117.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 15.26 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

G-68

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002118.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 15.73 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	860	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

G-68

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.04

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002118.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 15.73 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-64

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC002119.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 70.4 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2700	U
1330-20-7	o-Xylene	1800	U
100-42-5	Styrene	1800	U
75-25-2	Bromoform	1800	U
79-34-5	1,1,2,2-Tetrachloroethane	1800	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

H-64

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VC002119.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 70.4 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-65

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.06

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002120.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 31.48 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	4100	
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	1000	
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	720	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-65

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.06

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002120.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 31.48 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

H-65

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.06

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VC002120.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 31.48 Date Analyzed: 1/18/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-66

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002121.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 16.13 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	3200	
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	850	
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-66

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002121.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 16.13 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

H-66

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.07

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VC002121.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 16.13 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-67

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002122.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 52.39 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3600	U
107131	Acrylonitrile	3600	U
75650	tert-Butyl alcohol	6700	U
1634044	Methyl-tert-Butyl ether	1500	U
108203	Di-isopropyl ether	1000	U
	Dichlorodifluoromethane	2100	U
74-87-3	Chloromethane	510	U
75-01-4	Vinyl Chloride	1500	U
74-83-9	Bromomethane	1000	U
75-00-3	Chloroethane	1500	U
75-69-4	Trichlorofluoromethane	1000	U
75-35-4	1,1-Dichloroethene	510	U
67-64-1	Acetone	4900	
75-15-0	Carbon Disulfide	510	U
75-09-2	Methylene Chloride	1000	U
156-60-5	trans-1,2-Dichloroethene	1000	U
75-35-3	1,1-Dichloroethane	510	U
108-05-4	Vinyl Acetate	1500	U
78-93-3	2-Butanone	1500	U
	cis-1,2-Dichloroethene	510	U
67-66-3	Chloroform	1400	
75-55-6	1,1,1-Trichloroethane	510	U
56-23-5	Carbon Tetrachloride	1000	U
71-43-2	Benzene	510	U
107-06-2	1,2-Dichloroethane	1000	U
79-01-6	Trichloroethene	510	U
78-87-5	1,2-Dichloropropane	510	U
75-27-4	Bromodichloromethane	510	U
110-75-8	2-Chloroethyl vinyl ether	1000	U
10061-01-5	cis-1,3-Dichloropropene	510	U
108-10-1	4-Methyl-2-Pentanone	1000	U
108-88-3	Toluene	510	U
10061-02-6	trans-1,3-Dichloropropene	1000	U
79-00-5	1,1,2-Trichloroethane	1000	U
127-18-4	Tetrachloroethene	510	U
591-78-6	2-Hexanone	1000	U
126-48-1	Dibromochloromethane	1000	U
108-90-7	Chlorobenzene	510	U
100-41-4	Ethylbenzene	1000	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

H-67

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5096.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002122.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 52.39 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1500	U
1330-20-7	o-Xylene	1000	U
100-42-5	Styrene	1000	U
75-25-2	Bromoform	1000	U
79-34-5	1,1,2,2-Tetrachloroethane	1000	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

H-67

Lab Name: FMETL NJDEP # 13461

Project: 100004 Case No.: 5096 Location: M-2 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 5096.08

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VC002122.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 52.39 Date Analyzed: 1/19/00

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID: H68

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005654.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 25.6 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

H68

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005654.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 25.6 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **H68**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.03

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB005654.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 25.6 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001477

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

H68

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005655.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 65.64 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	5500	U
107131	Acrylonitrile	5500	U
75650	tert-Butyl alcohol	10000	U
1634044	Methyl-tert-Butyl ether	2400	U
108203	Di-isopropyl ether	1600	U
	Dichlorodifluoromethane	3200	U
74-87-3	Chloromethane	790	U
75-01-4	Vinyl Chloride	2400	U
74-83-9	Bromomethane	1600	U
75-00-3	Chloroethane	2400	U
75-69-4	Trichlorofluoromethane	1600	U
75-35-4	1,1-Dichloroethene	790	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	790	U
75-09-2	Methylene Chloride	1600	U
156-60-5	trans-1,2-Dichloroethene	1600	U
75-35-3	1,1-Dichloroethane	790	U
108-05-4	Vinyl Acetate	2400	U
78-93-3	2-Butanone	2400	U
	cis-1,2-Dichloroethene	790	U
67-66-3	Chloroform	790	U
75-55-6	1,1,1-Trichloroethane	790	U
56-23-5	Carbon Tetrachloride	1600	U
71-43-2	Benzene	790	U
107-06-2	1,2-Dichloroethane	1600	U
79-01-6	Trichloroethene	790	U
78-87-5	1,2-Dichloropropane	790	U
75-27-4	Bromodichloromethane	790	U
110-75-8	2-Chloroethyl vinyl ether	1600	U
10061-01-5	cis-1,3-Dichloropropene	790	U
108-10-1	4-Methyl-2-Pentanone	1600	U
108-88-3	Toluene	790	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
127-18-4	Tetrachloroethene	790	U
591-78-6	2-Hexanone	1600	U
126-48-1	Dibromochloromethane	1600	U
108-90-7	Chlorobenzene	790	U
100-41-4	Ethylbenzene	1600	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

H68

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005655.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 65.64 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2400	U
1330-20-7	o-Xylene	1600	U
100-42-5	Styrene	1600	U
75-25-2	Bromoform	1600	U
79-34-5	1,1,2,2-Tetrachloroethane	1600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **H68**

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.04

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB005655.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 65.64 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001480

1A

FIELD ID: H69

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005656.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 56.11 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3900	U
107131	Acrylonitrile	3900	U
75650	tert-Butyl alcohol	7300	U
1634044	Methyl-tert-Butyl ether	1700	U
108203	Di-isopropyl ether	1100	U
	Dichlorodifluoromethane	2200	U
74-87-3	Chloromethane	560	U
75-01-4	Vinyl Chloride	1700	U
74-83-9	Bromomethane	1100	U
75-00-3	Chloroethane	1700	U
75-69-4	Trichlorofluoromethane	1100	U
75-35-4	1,1-Dichloroethene	560	U
67-64-1	Acetone	1100	U
75-15-0	Carbon Disulfide	560	U
75-09-2	Methylene Chloride	1100	U
156-60-5	trans-1,2-Dichloroethene	1100	U
75-35-3	1,1-Dichloroethane	560	U
108-05-4	Vinyl Acetate	1700	U
78-93-3	2-Butanone	1700	U
	cis-1,2-Dichloroethene	560	U
67-66-3	Chloroform	560	U
75-55-6	1,1,1-Trichloroethane	560	U
56-23-5	Carbon Tetrachloride	1100	U
71-43-2	Benzene	560	U
107-06-2	1,2-Dichloroethane	1100	U
79-01-6	Trichloroethene	560	U
78-87-5	1,2-Dichloropropane	560	U
75-27-4	Bromodichloromethane	560	U
110-75-8	2-Chloroethyl vinyl ether	1100	U
10061-01-5	cis-1,3-Dichloropropene	560	U
108-10-1	4-Methyl-2-Pentanone	1100	U
108-88-3	Toluene	560	U
10061-02-6	trans-1,3-Dichloropropene	1100	U
79-00-5	1,1,2-Trichloroethane	1100	U
127-18-4	Tetrachloroethene	560	U
591-78-6	2-Hexanone	1100	U
126-48-1	Dibromochloromethane	1100	U
108-90-7	Chlorobenzene	560	U
100-41-4	Ethylbenzene	1100	U

1A

FIELD ID:

VOLATILE ORGANICS ANALYSIS DATA SHEET

H69

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005656.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 56.11 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1700	U
1330-20-7	o-Xylene	1100	U
100-42-5	Styrene	1100	U
75-25-2	Bromoform	1100	U
79-34-5	1,1,2,2-Tetrachloroethane	1100	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: H69

Lab Name: FMETL NJDEP#: 13461

Project: 100004 Case No.: 5102 Location: M-2 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 5102.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB005656.D

Level: (low/med) MED Date Received: 1/13/00

% Moisture: not dec. 56.11 Date Analyzed: 1/26/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

001483

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 3

FORT MONMOUTH LONG-TERM MONITORING PROGRAM QUARTERLY GROUNDWATER MONITORING WELL SAMPLING PRESENTED IN TABLE 5

1997 2nd Quarter (2 & 8 May 1997), MW1 – MW3
1997 3rd Quarter (6 August 1997), MW1 – MW3
1997 4th Quarter (23 October 1997), MW1 – MW3
1998 1st Quarter (11 February 1998), MW1 – MW4
1998 2nd Quarter (23 April 1998), MW1 – MW4
1998 3rd Quarter (22 July 1998), MW1 – MW4
Round 1, MW5 – MW10 (19 October 1998)
Round 2, MW5 – MW10 (2 November 1998)
1998 4th Quarter (6 November 1998), MW1 – MW4
1999 1st Quarter (3 February 1999), MW1 – MW10
1999 2nd Quarter (15 June 1999), MW1 – MW10
1999 3rd Quarter (20 July 1999), MW1 – MW10
1999 4th Quarter (7 October 1999), MW1 – MW10
2000 1st Quarter (7 March 2000), MW1 – MW10
Round 1, MW11 – MW24, 31 May 2000
Round 2, MW11 – MW24, 13 June 2000

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
2502.05	MW-01	29-32584	05/02/97
2513.03	MW-02	29-32585	05/08/97
2502.06	MW-03	29-32586	05/02/97

NJDEP Laboratory Certification # 13461

Report Date: 21 October,1997

Daniel Wright
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3111D
Antimony	3113B
Arsenic	3113B
Barium	3111D
Beryllium	3113B
Cadmium	3111B
Calcium	3111B
Chromium	3111D
Cobalt	3113B
Copper	3111B
Iron	3111B
Lead	3113B
Magnesium	3111B
Manganese	3111B
Mercury	3112B
Nickel	3111B
Potassium	3111B
Selenium	3113B
Silver	3111B
Sodium	3111B
Thallium	3113B
Vanadium	3111D
Zinc	3111B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Fallon
Phone #:
( )DERA ( )OMA ( )Other:
Project No:
Location: M-2 (1122)
Samplers Name / Company : Ray Pogwist / TVS

Lab Sample I.D.		Sample Location	Date	Time	Sample Type	# bottles	TCL VOA + 15	TCL BNA + 25	TCL PEST / PCB	TAL metals					Remarks / Preservation Method
2502	1	Trip Blank	5-2-97	0800	AQ	2	X								(VOA-HCl) (Metals HNO3)
	2	Field Blank		1000		5	X	X	X	X					All Samples Kept ≤ 4°C
	3	Bldg 1122 MW-1		1105											# 2933755
	4	Bld 1122 MW-2		1050											# 2933754
	5	M-2 MW1		1215											# 2932584
	6	M-2 MW3		1420											# 2932556
	7	~~M-2 MW2D~~													~~# 2932585~~ DUP
	8														
															Stream Height 1.6'

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
John G. Lent	5/2/97 3:20	Sarah J. Hubbard			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

print legibly

Custody.xls5/1/97

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #:
(X)DERA ( )OMA ( )Other:
Project No:
Location: M-2
Samplers Name / Company: Ray Pogwist / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	TCL VOA + 15	TCL BNA + 25	TCL Pest/PCB	TAL Metals					Comments: Remarks / Preservation Method
25131	Trip Blank	5-8 97	0900	AQ	2	X								VOA-HCl (Metals - HNO_3)
2	Field Blank	↓	1030	↓	5	X	X	X	X					All Samples Kept ≤ 4°C
3	M2 - MW2	↓	1120	↓	5	X	X	X	X					#39-32585

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Rob Post	5-8-97 1600	[signature] 5-8-97			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

print terribly

ody.xls5/1/97

Organic Data Qualifiers

Form 1:

This form reports concentrations of Tentatively Identified Compounds. Form 1E is the Volatile report, Form 1F is for Semi-Volatiles.

Qualifiers are:

J	Estimated Value
N	Presumptive evidence of a compound
E	Concentration exceeds calibration range
D	Diluted sample
A	TIC is a suspected aldol condensation product

U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V00803.D**
Operator **Paul Skelton**
Date Acquired **05/ 8/19 -1:7:**

Sample Name **Daily Blank**
Field ID **Daily Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V00835.D**
Operator **Paul Skelton**
Date Acquired **05/20/19 -1:4:**

Sample Name **Daily Blank**
Field ID **Daily Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00810.d**
Operator **Paul Skelton**
Date Acquired **05/ 8/97 22:30**

Sample Name **2502.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00844.d**
Operator
Date Acquired **05/21/97 12:09**

Sample Name **2513.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00811.d**
Operator **Paul Skelton**
Date Acquired **05/ 8/97 23:17**

Sample Name **2502.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00845.d**
Operator
Date Acquired **05/21/97 01:04**

Sample Name **2513.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00814.d**
Operator **Paul Skelton**
Date Acquired **05/ 9/97 01:38**

Sample Name **2502.05**
Field ID **M2 MW1**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V00846.D**
Operator
Date Acquired **05/21/97 01:58**

Sample Name **2513.03**
Field ID **M2-MW2**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide	13.51	28206	1.30 ug/L	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene	29.37	113890	17.99 ug/L	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00815.d**
Operator **Paul Skelton**
Date Acquired **05/ 9/97 02:25**

Sample Name **2502.06**
Field ID **M2 MW3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene	29.37	62285	4.69 ug/L	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Daily Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: Location SDG No.:

Matrix: (soil/water) WATER

Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML

Lab File ID: V00803.D

Level: (low/med) LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 05/08/97

GC Column: RTX-502 ID: 0.25 (mm)

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Daily Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: Location SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00835.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 05/20/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 1122

NJDEP # 13461 Case No.: 2502 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2502.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00810.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: not dec. Date Analyzed: 05/08/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2513 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2513.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00844.D

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: not dec. Date Analyzed: 05/21/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000091-20-3	Naphthalene	31.06	84	JN
2. 001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6	35.37	13	JN
3. 001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6	37.48	12	JN
4. 002801-84-5	Decane, 2,4-dimethyl-	37.93	8	JN
5. 000091-57-6	Naphthalene, 2-methyl-	38.15	69	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Field Blank

Lab Name: FMETL Project 1122

NJDEP # 13461 Case No.: 2502 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2502.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00811.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: not dec. Date Analyzed: 05/08/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 030571-71-2	Decane, 3-bromo-	38.18	4	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2513 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2513.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00845.D

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: not dec. Date Analyzed: 05/21/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 032357-83-8	Ether, hexyl pentyl	36.97	17	JN
2. 001120-21-4	Undecane	37.94	4	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M2 MW1**

Lab Name: FMETL Project 1122

NJDEP # 13461 Case No.: 2502 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2502.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00814.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: not dec. Date Analyzed: 05/09/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 5

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	13.94	17	JN
2. 000075-83-2	Butane, 2,2-dimethyl-	30.25	3	JN
3. 000091-20-3	Naphthalene	31.12	7	JN
4. 001120-21-4	Undecane	36.95	4	JN
5. 000091-57-6	Naphthalene, 2-methyl-	38.16	5	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M2-MW2**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2513 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2513.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00846.D

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: not dec. Date Analyzed: 05/21/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 6

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	13.96	4	JN
2. 000629-78-7	Heptadecane	35.12	9	JN
3. 000075-83-2	Butane, 2,2-dimethyl-	35.37	4	JN
4. 001955-45-9	2-Oxetanone, 3,3-dimethyl-	35.45	10	JN
5. 000629-78-7	Heptadecane	36.97	37	JN
6. 001120-21-4	Undecane	37.94	6	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **M2 MW3**

Lab Name: FMETL Project 1122

NJDEP # 13461 Case No.: 2502 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2502.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V00815.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: not dec. Date Analyzed: 05/09/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	13.95	26	JN

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0163.d**
Operator **Paul Skelton**
Date Acquired **05/21/97 16:38**

Sample Name **Extraction Blank 05/15/97**
Field ID **SBLK03**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate			not detected	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate	25.52	175474	5.85 ug/L	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn0153.d	Sample Name	2502.02
Operator	Paul Skelton	Field ID	Field Blank 05/02/97
Date Acquired	05/21/97 09:13	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.54	5575045	89.58 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate	23.99	33769	1.29 ug/L	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0166.d**
Operator **Paul Skelton**
Date Acquired **05/21/97 18:50**

Sample Name **2513.02**
Field ID **Field Blank 05/08/97**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL		GW Criteria
110-86-1	Pyridine			not detected	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94	ug/L	20
62-53-3	Aniline			not detected	0.15	ug/L	
108-95-2	Phenol			not detected	0.47	ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48	ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18	ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15	ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23	ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16	ug/L	600
	2-Methylphenol			not detected	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61	ug/L	300
	4-Methylphenol			not detected	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36	ug/L	20
67-72-1	Hexachloroethane			not detected	0.33	ug/L	10
98-95-3	Nitrobenzene			not detected	0.46	ug/L	10
78-59-1	Isophorone			not detected	0.35	ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27	ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12	ug/L	20
65-85-0	Benzoic Acid			not detected	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25	ug/L	9
91-20-3	Naphthalene			not detected	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38	ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50	ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42	ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31	ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	0.18	ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	0.26	ug/L	
83-32-9	Acenaphthene			not detected	0.26	ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69	ug/L	40
132-64-9	Dibenzofuran			not detected	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	0.27	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36	ug/L	10

84-66-2	Diethylphthalate			not detected	0.82	ug/L	5000
86-73-7	Fluorene			not detected	0.29	ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23	ug/L	20
103-33-3	Azobenzene			not detected	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82	ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08	ug/L	1
85-01-8	Phenanthrene			not detected	0.18	ug/L	
120-12-7	Anthracene			not detected	0.19	ug/L	2000
84-74-2	Di-n-butylphthalate	20.50	83636	1.49 ug/L	0.23	ug/L	900
206-44-0	Fluoranthene			not detected	0.41	ug/L	300
92-87-5	Benzidine			not detected	1.45	ug/L	50
129-00-0	Pyrene			not detected	0.32	ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47	ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22	ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46	ug/L	60
218-01-9	Chrysene			not detected	0.20	ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51	ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82	ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37	ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32	ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31	ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79	ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28	ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40	ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0156.d**
Operator **Paul Skelton**
Date Acquired **05/21/97 11:28**

Sample Name **2502.05**
Field ID **M2 MW1**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene	11.23	526552	8.94 ug/L	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene	12.83	131954	3.73 ug/L	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82	ug/L	5000
86-73-7	Fluorene			not detected	0.29	ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23	ug/L	20
103-33-3	Azobenzene			not detected	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82	ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08	ug/L	1
85-01-8	Phenanthrene			not detected	0.18	ug/L	
120-12-7	Anthracene			not detected	0.19	ug/L	2000
84-74-2	Di-n-butylphthalate	20.56	7606456	121.97 ug/L	0.23	ug/L	900
206-44-0	Fluoranthene			not detected	0.41	ug/L	300
92-87-5	Benzidine			not detected	1.45	ug/L	50
129-00-0	Pyrene			not detected	0.32	ug/L	200
85-68-7	Butylbenzylphthalate	24.00	49481	2.03 ug/L	0.47	ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22	ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46	ug/L	60
218-01-9	Chrysene			not detected	0.20	ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate	25.52	45132	1.39 ug/L	0.51	ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82	ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37	ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32	ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31	ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79	ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28	ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40	ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0167.d**
Operator **Paul Skelton**
Date Acquired **05/21/97 19:35**

Sample Name **2513.03**
Field ID **M2 MW2**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL		GW Criteria
110-86-1	Pyridine			not detected	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94	ug/L	20
62-53-3	Aniline			not detected	0.15	ug/L	
108-95-2	Phenol			not detected	0.47	ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48	ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18	ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15	ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23	ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16	ug/L	600
	2-Methylphenol			not detected	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61	ug/L	300
	4-Methylphenol			not detected	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36	ug/L	20
67-72-1	Hexachloroethane			not detected	0.33	ug/L	10
98-95-3	Nitrobenzene			not detected	0.46	ug/L	10
78-59-1	Isophorone			not detected	0.35	ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27	ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12	ug/L	20
65-85-0	Benzoic Acid			not detected	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25	ug/L	9
91-20-3	Naphthalene			not detected	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38	ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50	ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42	ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31	ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	0.18	ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	0.26	ug/L	
83-32-9	Acenaphthene			not detected	0.26	ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69	ug/L	40
132-64-9	Dibenzofuran			not detected	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	0.27	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36	ug/L	10

84-66-2	Diethylphthalate			not detected	0.82	ug/L	5000
86-73-7	Fluorene			not detected	0.29	ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23	ug/L	20
103-33-3	Azobenzene			not detected	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82	ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08	ug/L	1
85-01-8	Phenanthrene			not detected	0.18	ug/L	
120-12-7	Anthracene			not detected	0.19	ug/L	2000
84-74-2	Di-n-butylphthalate	20.50	89536	1.54 ug/L	0.23	ug/L	900
206-44-0	Fluoranthene			not detected	0.41	ug/L	300
92-87-5	Benzidine			not detected	1.45	ug/L	50
129-00-0	Pyrene			not detected	0.32	ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47	ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22	ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46	ug/L	60
218-01-9	Chrysene			not detected	0.20	ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51	ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82	ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37	ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32	ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31	ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79	ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28	ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40	ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0157.d**
Operator **Paul Skelton**
Date Acquired **05/21/97 12:12**

Sample Name **2502.06**
Field ID **M2 MW3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL		GW Criteria
110-86-1	Pyridine			not detected	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94	ug/L	20
62-53-3	Aniline			not detected	0.15	ug/L	
108-95-2	Phenol			not detected	0.47	ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48	ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18	ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15	ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23	ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16	ug/L	600
	2-Methylphenol			not detected	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61	ug/L	300
	4-Methylphenol			not detected	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36	ug/L	20
67-72-1	Hexachloroethane			not detected	0.33	ug/L	10
98-95-3	Nitrobenzene			not detected	0.46	ug/L	10
78-59-1	Isophorone			not detected	0.35	ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27	ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12	ug/L	20
65-85-0	Benzoic Acid			not detected	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25	ug/L	9
91-20-3	Naphthalene	11.43	43041	0.77 ug/L	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38	ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50	ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42	ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31	ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	0.18	ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	0.26	ug/L	
83-32-9	Acenaphthene			not detected	0.26	ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69	ug/L	40
132-64-9	Dibenzofuran			not detected	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	0.27	ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36	ug/L	10

84-66-2	Diethylphthalate			not detected	0.82	ug/L	5000
86-73-7	Fluorene			not detected	0.29	ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23	ug/L	20
103-33-3	Azobenzene			not detected	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82	ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08	ug/L	1
85-01-8	Phenanthrene			not detected	0.18	ug/L	
120-12-7	Anthracene			not detected	0.19	ug/L	2000
84-74-2	Di-n-butylphthalate	20.51	359480	5.99 ug/L	0.23	ug/L	900
206-44-0	Fluoranthene			not detected	0.41	ug/L	300
92-87-5	Benzidine			not detected	1.45	ug/L	50
129-00-0	Pyrene			not detected	0.32	ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47	ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22	ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46	ug/L	60
218-01-9	Chrysene			not detected	0.20	ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51	ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82	ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37	ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32	ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31	ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79	ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28	ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40	ug/L	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Ext Blank

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: _____ Location _____ SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Extraction Blan

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0163.D

Level: (low/med) LOW Date Received: 05/15/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.35	23	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	44	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	24.03	10	JN
4. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	27.20	38	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Blank

Lab Name: FMETL Lab Code 13461

Project Case No.: 2502 Location M-2(11 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2502.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0153.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.41	61	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	36	JN
3. 000000-00-0	(E)-3-Chloro-2-methyl-2-pentenal	7.98	55	JN
4. 000301-02-0	9-Octadecenamide, (Z)-	27.20	42	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Blank

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 2513 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2513.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0166.D

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.34	12	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	54	JN
3. 001120-07-6	Nonanamide	24.03	15	JN
4. 001120-07-6	Nonanamide	27.20	56	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

M2 MW1

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 2502 Location M-2(11 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2502.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0156.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000057-55-6	Propylene Glycol	3.43	89	JN
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	18	JN
3.	000000-00-0	(E)-3-Chloro-2-methyl-2-pentenal	7.97	42	JN
4.	054932-78-4	Phenol, 4-(2,2,3,3-tetramethylbut	18.38	8	JN
5.	000057-10-3	Hexadecanoic acid	20.49	31	JN
6.	000057-11-4	Octadecanoic acid	22.32	14	JN
7.	001120-07-6	Nonanamide	22.50	18	JN
8.	000301-02-0	9-Octadecenamide, (Z)-	24.06	56	JN
9.	001120-07-6	Nonanamide	24.24	9	JN
10.	074685-30-6	5-Eicosene, (E)-	25.04	18	JN
11.	001120-16-7	Dodecanamide	25.68	11	JN
12.	000000-00-0	Methyl 17-methoxy-10-methoxyc	27.24	200	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW2

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 2513 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2513.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0167.D

Level: (low/med) LOW Date Received: 05/08/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000057-55-6	Propylene Glycol	3.35	13	JN
2.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	54	JN
3.	001120-16-7	Dodecanamide	24.03	15	JN
4.	000301-02-0	9-Octadecenamide, (Z)-	27.20	55	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

M2 MW3

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 2502 Location M-2(11 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 2502.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0157.D

Level: (low/med) LOW Date Received: 05/02/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 05/21/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.40	43	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.24	50	JN
3. 001120-07-6	Nonanamide	22.47	8	JN
4. 000301-02-0	9-Octadecenamide, (Z)-	24.03	8	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Extraction Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	NA
	Bldg. 173	**Extraction Date:**	5/5/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/7/97
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Extraction Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	NA
	Bldg. 173	**Extraction Date:**	5/15/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/25/97
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2502.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/2/97
	Bldg. 173	**Extraction Date:**	5/5/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/97
Analysis:	EPA Method 608	**Location :**	M-2, Bldg.1122
Matrix:	Aqueous		Ft. Monmouth
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2513.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/8/97
	Bldg. 173	**Extraction Date:**	5/15/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/24/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		Ft. Monmouth
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2502.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/2/97
	Bldg. 173	**Extraction Date:**	5/5/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		Ft. Monmouth
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2513.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/8/97
	Bldg. 173	**Extraction Date:**	5/15/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/24/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		Ft. Monmouth
Analyst:	D. Wright	**Field ID:**	MW-2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2502.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/2/97
	Bldg. 173	**Extraction Date:**	5/5/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		Ft. Monmouth
Analyst:	D. Wright	**Field ID:**	MW-3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: NA
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	ND	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	ND	1.0	8
Barium	7/30/97	ND	0.5	2000
Beryllium	7/9/97	ND	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	ND	30.0	NA
Chromium	7/23/97	ND	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	ND	3.0	1000
Iron	5/13/97	10.0	10.0	300
Lead	5/27/97	ND	0.5	10
Magnesium	7/7/97	ND	50.0	NA
Manganese	7/9/97	ND	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	ND	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	5/7/97	ND	3.0	20
Sodium	7/8/97	ND	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	3.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: NA
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	ND	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	ND	1.0	8
Barium	7/30/97	ND	0.5	2000
Beryllium	7/9/97	ND	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	ND	30.0	NA
Chromium	7/23/97	ND	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	ND	3.0	1000
Iron	5/13/97	10.0	10.0	300
Lead	5/27/97	ND	0.5	10
Magnesium	7/7/97	ND	50.0	NA
Manganese	7/9/97	ND	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	ND	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	7/10/97	26.0*	3.0	20
Sodium	7/8/97	ND	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	3.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable
* = Calibration Blank result greater than GW criteria limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2502.02
Sample Received: 5/2/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	2.6	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	2.0	1.0	8
Barium	7/30/97	1.0	0.5	2000
Beryllium	7/9/97	ND	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	10.0	30.0	NA
Chromium	7/23/97	ND	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	20.0	3.0	1000
Iron	5/13/97	70.0	10.0	300
Lead	5/27/97	ND	0.5	10
Magnesium	7/7/97	210.0	50.0	NA
Manganese	7/9/97	12.0	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	90.0	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	5/7/97	13.0	3.0	20
Sodium	7/8/97	30.0	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	8.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2513.02
Sample Received: 5/8/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	10.7	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	4.0	1.0	8
Barium	7/30/97	1.3	0.5	2000
Beryllium	7/9/97	0.16	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	50.0	30.0	NA
Chromium	7/23/97	ND	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	ND	3.0	1000
Iron	5/13/97	80.0	10.0	300
Lead	5/27/97	ND	0.5	10
Magnesium	7/7/97	80.0	50.0	NA
Manganese	7/9/97	23.0	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	160.0	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	7/10/97	47.0*	3.0	20
Sodium	7/8/97	150.0	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	10.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable
* = Calibration Blank result greater than GW criteria limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2502.05
Sample Received: 5/2/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	362.4	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	2.0	1.0	8
Barium	7/30/97	77.3	0.5	2000
Beryllium	7/9/97	0.18	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	13050.0	30.0	NA
Chromium	7/23/97	0.6	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	21.0	3.0	1000
Iron	5/13/97	100.0	10.0	300
Lead	5/27/97	ND	0.5	10
Magnesium	7/7/97	4270.0	50.0	NA
Manganese	7/9/97	154.0	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	7090.0	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	5/7/97	17.0	3.0	20
Sodium	7/8/97	7500.0	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	2823.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2513.03
Sample Received: 5/8/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	49.1	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	2.0	1.0	8
Barium	7/30/97	270.4	0.5	2000
Beryllium	7/9/97	0.20	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	70240.0	30.0	NA
Chromium	7/23/97	0.4	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	8.0	3.0	1000
Iron	5/13/97	35180.0	10.0	300
Lead	5/27/97	0.7	0.5	10
Magnesium	7/7/97	7400.0	50.0	NA
Manganese	7/9/97	265.0	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	7230.0	40.0	NA
Selenium	5/21/97	1.0	1.0	50
Silver	7/10/97	41.0*	3.0	20
Sodium	7/8/97	8840.0	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	ND	1.0	NA
Zinc	7/7/97	16.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable
* = Calibration Blank result greater than GW criteria limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2502.06
Sample Received: 5/2/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-3

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	MDL (ug/L)	GW Criteria (ug/L)
Aluminum	7/29/97	61.9	0.1	200
Antimony	5/28/97	ND	0.5	20
Arsenic	5/21/97	3.0	1.0	8
Barium	7/30/97	90.6	0.5	2000
Beryllium	7/9/97	0.11	0.06	20
Cadmium	5/28/97	ND	2.0	4
Calcium	7/30/97	59650.0	30.0	NA
Chromium	7/23/97	0.6	0.4	100
Cobalt	7/9/97	ND	20.0	NA
Copper	7/7/97	46.0	3.0	1000
Iron	5/13/97	12230.0	10.0	300
Lead	5/27/97	1.1	0.5	10
Magnesium	7/7/97	5360.0	50.0	NA
Manganese	7/9/97	503.0	5.0	50
Mercury	5/30/97	ND	0.2	2
Nickel	7/7/97	ND	10.0	100
Potassium	7/8/97	8680.0	40.0	NA
Selenium	5/21/97	ND	1.0	50
Silver	5/7/97	36.0*	3.0	20
Sodium	7/8/97	21060.0	10.0	50000
Thallium	5/22/97	ND	1.0	10
Vanadium	8/4/97	1.4	1.0	NA
Zinc	7/7/97	31.0	2.0	5000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable
* = Calibration Blank result greater than GW criteria limit

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (908)532-6224 FAX: (908)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2 (Bldg. 1122)

LABORATORY ID #	MONITOR WELL #	NJDEP WELL ID #	SAMPLE DATE
2879.03	MW-01	29-33755	08/06/97
2879.04	MW-02	29-33754	08/06/97
2880.01	MW-02	29-32585	08/06/97
2880.02	MW-03	29-32586	08/06/97
2880.03	MW-01	29-32584	08/06/97

NJDEP Laboratory Certification # 13461

Report Date: 2 December, 1997

Daniel Wright
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3111D
Antimony	3113B
Arsenic	3113B
Barium	3111D
Beryllium	3113B
Cadmium	3111B
Calcium	3111B
Chromium	3111D
Cobalt	3113B
Copper	3111B
Iron	3111B
Lead	3113B
Magnesium	3111B
Manganese	3111B
Mercury	3112B
Nickel	3111B
Potassium	3111B
Selenium	3120B
Silver	3111B
Sodium	3111B
Thallium	3113B
Vanadium	3111D
Zinc	3111B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x26223
(X)DERA ( )OMA ( )Other:
Project No:
Location: 1122
Samplers Name / Company: Ray Pogwist / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	TCL VOA TIC	TCL BNA	TCL Pest	TAL metals	Comments: / Remarks / Preservation Method
287901	Trip Blank	8/6/97	0800	AQ	2	X				VOA - HCl
02	Field Blank		1010		5	X	X	X	X	Metals HNO_3
03	Bldg 1122 MW-1		1100							#293755
04	Bldg 1122 MW-2		1135							#293754
05	Field Dup		—							

All Samples kept Cool

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Ray Pogwist	8/6/97 1540	D. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

print legibly

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x 26223
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: M-2
Samplers Name / Company : Ray Pogwist / TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	TCL VOA TS	TCL BNA	TCL PEST	TAL Metals					Remarks / Preservation Method
2850.01	M-2 MW2 #932585	8/6/97	1445	AQ	5	X	X	X	X					VOA-HCl Metals/HNO3
02	M-2 MW3 #932586		1450											
03	M-2 MW4 #932584		1515											
														Trip Blanks and Field Blanks are on log # 2879 8/6

Comments: All Samples Kept Cool

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Ray Pogwist	8/6/97 1540				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

Organic Data Qualifiers

Form 1:

This form reports concentrations of Tentatively Identified Compounds. Form 1E is the Volatile report. Form 1F is for Semi-Volatiles.

Qualifiers are:

J	Estimated Value
N	Presumptive evidence of a compound
E	Concentration exceeds calibration range
D	Diluted sample
A	TIC is a suspected aldol condensation product

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**V01680.D**	Sample Name	**Daily Blank**
Operator	**Skelton**	Field ID	**Daily Blank**
Date Acquired	**08/15/19 -1:6:**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01682.d**
Operator **Skelton**
Date Acquired **08/15/19 -1:8:**

Sample Name **2879.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01683.d**
Operator **Skelton**
Date Acquired **08/15/19 -1:9:**

Sample Name **2879.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01691.d**
Operator **Skelton**
Date Acquired **08/16/19 -1:1:**

Sample Name **2879.03**
Field ID **Bldg 1122 MW1**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01692.d**
Operator **Skelton**
Date Acquired **08/16/19 -1:2:**

Sample Name **2879.04**
Field ID **Bldg 1122 MW2**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.6b ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V01693.D**
Operator **Skelton**
Date Acquired **08/16/19 -1:3:**

Sample Name **2879.05**
Field ID **Field Dup**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Daily Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: Location SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01680.D

Level: (low/med) LOW Date Received:

% Moisture: not dec. Date Analyzed: 08/15/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2879 Location B.1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01682.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/15/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2879 Location B.1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01683.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/15/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW1

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2879 Location B.1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01691.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/16/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.82	8	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **MW2**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2879 Location B.1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01692.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/16/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Field Dup

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2879 Location B.1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01693.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/16/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01698.d**
Operator **Skelton**
Date Acquired **08/18/19 -1:0:**

Sample Name **Daily Blank**
Field ID **Daily Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01705.d**
Operator **Skelton**
Date Acquired **08/18/19 -1:5:**

Sample Name **2880.02**
Field ID **M-2 MW**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene	29.31	16445	1.49 ug/L	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v01706.d**
Operator **Skelton**
Date Acquired **08/18/19 -1:6:**

Sample Name **2880.03**
Field ID **M-2 MW**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
107028	Acrolein			not detected	6.25 ug/L	na
107131	Acrylonitrile			not detected	6.25 ug/L	na
75650	tert-Butyl alcohol			not detected	12.50 ug/L	na
1634044	Methyl-tert-Butyl ether			not detected	1.25 ug/L	na
108203	Di-isopropyl ether			not detected	1.25 ug/L	na
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **VBLK02**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01698.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/18/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW2

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01704.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/18/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 3

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.84	17	J
2. 027133-93-3	2,3-Dihydro-1-methylindene	26.82	5	JN
3. 000275-51-4	Azulene	32.61	28	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW3

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01705.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/18/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000091-57-6	Naphthalene, 2-methyl-	31.65	4	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

MW1

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V01706.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: not dec. Date Analyzed: 08/18/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

Organic Data Qualifiers

Form 1:

This form reports concentrations of Tentatively Identified Compounds. Form 1E is the Volatile report, Form 1F is for Semi-Volatiles.

Qualifiers are:

J	Estimated Value
N	Presumptive evidence of a compound
E	Concentration exceeds calibration range
D	Diluted sample
A	TIC is a suspected aldol condensation product

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0414.d**
Operator **Skelton**
Date Acquired **08/28/97 13:39**

Sample Name **Extraction Blank**
Field ID **08/07/97**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.32	203562	1.45 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1.2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn0421.d**
Operator **Skelton**
Date Acquired **08/28/97 19:25**

Sample Name **2879.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.33	150113	1.87 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate	25.33	44182	0.91 ug/L	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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NJDEP Certification #13461

Data File Name	**bn0422.d**	Sample Name	**2879.03**
Operator	**Skelton**	Field ID	**Bldg 1122 MW1**
Date Acquired	**08/28/97 20:14**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate			not detected	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	**bn0423.d**	Sample Name	**2879.04**
Operator	**Skelton**	Field ID	**Bldg 1122 MW2**
Date Acquired	**08/28/97 21:02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.33	487070	6.31 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate	25.32	49063	1.09 ug/L	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name **BN0424.D**
Operator **Skelton**
Date Acquired **08/28/97 21:50**

Sample Name **2879.05**
Field ID **Field Dup**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate			not detected	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

SBLK

Lab Name: FMETL Lab Code 13461

Project Case No.: Location SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Extraction Blan

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0414.D

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	5.08	38	J
2.		unknown	23.85	10	J
3.		unknown	27.01	24	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Blank

Lab Name: FMETL Lab Code 13461

Project Case No.: 2879 Location 1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0421.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.85	15	J
2.	unknown	27.02	40	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW1

Lab Name: FMETL Lab Code 13461

Project Case No.: 2879 Location 1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0422.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	23.85	11	J
2.		unknown	27.01	37	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW2

Lab Name: FMETL Lab Code 13461

Project Case No.: 2879 Location 1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0423.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	23.85	20	J
2.	000629-96-9	1-Eicosanol	24.86	11	JN
3.		unknown	27.02	87	J
4.	000630-06-8	Hexatriacontane	28.45	8	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Dup

Lab Name: FMETL Lab Code 13461

Project Case No.: 2879 Location 1122 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2879.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0424.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: . decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.85	12	J
2.	unknown	27.01	42	J

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Data File Name	**bn0414.d**	Sample Name	**Extraction Blank**
Operator	**Skelton**	Field ID	**08/07/97**
Date Acquired	**08/28/97 13:39**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	~ 9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.32	203562	1.45 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	bn0425.d	Sample Name	2880.01
Operator	Skelton	Field ID	M2 MW2
Date Acquired	08/28/97 22:38	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene	8.11	35846	1.06 ug/L	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene	8.23	166128	4.79 ug/L	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene	12.67	89849	1.84 ug/L	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine	16.79	36621	1.22 ug/L	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate			not detected	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate	25.33	65522	1.36 ug/L	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name **bn0426.d**
Operator **Skelton**
Date Acquired **08/28/97 23:26**

Sample Name **2880.02**
Field ID **M2 MW3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.33	198821	2.20 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	bn0427.d	Sample Name	2880.03
Operator	Skelton	Field ID	M2 MW2
Date Acquired	08/29/97 00:14	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40
132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10

84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate			not detected	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

SBLK

Lab Name: FMETL Lab Code 13461

Project Case No.: Location SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Extraction Blan

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0414.D

Level: (low/med) LOW Date Received:

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown hydrocarbon	5.08	38	J
2.		unknown	23.85	10	J
3.		unknown	27.01	24	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW2

Lab Name: FMETL Lab Code 13461

Project Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0425.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	17.19	11	J
2.	000934-34-9	2(3H)-Benzothiazolone	17.38	15	JN
3.	000057-10-3	Hexadecanoic acid	20.29	15	JN
4.		unknown	23.86	24	J
5.	000112-92-5	1-Octadecanol	24.86	12	JN
6.	001120-16-7	Dodecanamide	27.02	80	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW3

Lab Name: FMETL Lab Code 13461

Project Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0426.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y/N) N Date Analyzed: 08/28/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.85	10	J
2.	unknown	27.01	37	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW1

Lab Name: FMETL Lab Code 13461

Project Case No.: 2880 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 2880.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0427.D

Level: (low/med) LOW Date Received: 08/06/97

% Moisture: decanted: (Y/N) N Date Analyzed: 08/29/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	23.85	19	J
2.		unknown	27.01	56	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Extraction Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	NA
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/15/97
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	Lab. ID # :	2879.02
	DPW, SELFM-PW-EV	Date Rec'd:	8/6/97
	Bldg 173	Extraction Date:	8/8/97
	Ft Monmouth NJ 07703	Analysis Date:	9/15/97

Analysis:	EPA Method 608	Location :	Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	Field ID:	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2879.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/6/97
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth. NJ 07703	**Analysis Date:**	9/15/97

Analysis:	EPA Method 608	**Location :**	Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	0.009
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	Lab. ID # :	2879.04
	DPW, SELFM-PW-EV	Date Rec'd:	8/6/97
	Bldg. 173	Extraction Date:	8/8/97
	Ft. Monmouth, NJ 07703	Analysis Date:	9/16/97

Analysis: EPA Method 608 Location : Bldg. 1122
Matrix: Aqueous
Analyst: D. Wright Field ID: MW-2
Ext. Meth: Sep. Funnel

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	5		0.02	0.0115	ND
beta-BHC	5		0.20	0.0130	ND
gamma-BHC	5		0.20	0.0130	ND
delta-BHC	5		NA	0.0145	ND
Heptachlor	5		0.40	0.0135	ND
Aldrin	5		0.04	0.0140	ND
Heptachlor Epoxide	5		0.20	0.0120	ND
Endosulfan I	5		0.40	0.0120	ND
4,4'-DDE	5		0.10	0.0170	ND
Dieldrin	5		0.03	0.0095	ND
Endrin	5		2.00	0.0150	ND
Endrin Ketone	5		NA	0.0500	ND
Endosulfan II	5		0.40	0.0135	ND
4,4'-DDD	5		0.10	0.0330	ND
4,4'-DDT	5		0.10	0.0075	ND
Endosulfan-Sulfate	5		0.40	0.0050	ND
Methoxychlor	5		NA	0.0500	ND
Alpha-chlordane	5		0.50	0.0700	ND
Gamma-chlordane	5		0.50	0.0700	ND
Toxaphene	5		3.00	0.0910	ND
Arochlor 1016	5		0.50	0.3200	ND
Arochlor 1221	5		0.50	0.2500	ND
Arochlor 1232	5		0.50	0.2500	ND
Arochlor 1242	5		0.50	0.1400	ND
Arochlor 1248	5		0.50	0.2500	ND
Arochlor 1254	5		0.50	0.2500	ND
Arochlor 1260	5		0.50	0.3400	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2879.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	8/6/97
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth. NJ 07703	**Analysis Date:**	9/16/97

Analysis:	EPA Method 608	**Location :**	Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field DUP
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	0.008
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2880.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/6/97
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/16/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2880.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/6/97
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/16/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NA	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NA	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NA	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	2880.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	8/6/97
	Bldg. 173	**Extraction Date:**	8/8/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	9/16/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	**ND**
beta-BHC	1		0.20	0.0026	**ND**
gamma-BHC	1		0.20	0.0026	**ND**
delta-BHC	1		NA	0.0029	**ND**
Heptachlor	1		0.40	0.0027	**ND**
Aldrin	1		0.04	0.0028	**ND**
Heptachlor Epoxide	1		0.20	0.0024	**ND**
Endosulfan I	1		0.40	0.0024	**ND**
4,4'-DDE	1		0.10	0.0034	**ND**
Dieldrin	1		0.03	0.0019	**ND**
Endrin	1		2.00	0.0030	**ND**
Endrin Ketone	1		NA	0.0100	**ND**
Endosulfan II	1		0.40	0.0027	**ND**
4,4'-DDD	1		0.10	0.0066	**ND**
4,4'-DDT	1		0.10	0.0015	**ND**
Endosulfan-Sulfate	1		0.40	0.0010	**ND**
Methoxychlor	1		NA	0.0100	**ND**
Alpha-chlordane	1		0.50	0.0140	**ND**
Gamma-chlordane	1		0.50	0.0140	**ND**
Toxaphene	1		3.00	0.0182	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: NA
Sample Matrix: Aqueous

Site: Bldg. 1122
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	ND	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/02/97	ND	0.001	0.008
Barium	10/21/97	ND	0.03	2.000
Beryllium	08/26/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	ND	0.03	NA
Chromium	10/21/97	0.019	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/27/97	ND	0.01	0.300
Lead	08/27/97	ND	0.0005	0.010
Manganese	08/27/97	0.007	0.005	0.050
Magnesium	09/18/97	ND	0.05	NA
Mercury	09/03/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	ND	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	ND	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	ND	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2879.02
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: Bldg. 1122
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.0168	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/02/97	ND	0.001	0.008
Barium	10/21/97	ND	0.03	2.000
Beryllium	08/26/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	0.06	0.03	NA
Chromium	10/21/97	ND	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	0.007	0.003	1.000
Iron	08/27/97	0.10	0.01	0.300
Lead	08/27/97	0.0007	0.0005	0.010
Manganese	08/27/97	ND	0.005	0.050
Magnesium	09/18/97	0.06	0.05	NA
Mercury	09/03/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	0.06	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	0.008	0.003	0.020
Sodium	09/18/97	0.34	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	0.004	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2879.03
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: Bldg. 1122
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.9453	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/02/97	ND	0.001	0.008
Barium	10/21/97	0.12	0.03	2.000
Beryllium	08/26/97	0.00123	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	8.02	0.03	NA
Chromium	10/21/97	ND	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/27/97	0.09	0.01	0.300
Lead	08/27/97	0.0013	0.0005	0.010
Manganese	08/27/97	0.035	0.005	0.050
Magnesium	09/18/97	9.65	0.05	NA
Mercury	09/03/97	0.0002	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	3.53	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	23.52	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	0.059	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2879.04
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: Bldg. 1122
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.1672	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/02/97	0.002	0.001	0.008
Barium	10/21/97	ND	0.03	2.000
Beryllium	08/26/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	4.82	0.03	NA
Chromium	10/21/97	0.023	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/27/97	5.55	0.01	0.300
Lead	08/27/97	0.0013	0.0005	0.010
Manganese	08/27/97	0.073	0.005	0.050
Magnesium	09/18/97	2.10	0.05	NA
Mercury	09/03/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	0.95	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	19.95	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	0.014	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2879.05
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: Bldg. 1122
Ft. Monmouth, New Jersey

Field ID#: Field Dup

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	1.005	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/02/97	ND	0.001	0.008
Barium	10/21/97	0.16	0.03	2.000
Beryllium	08/26/97	0.00118	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	7.61	0.03	NA
Chromium	10/21/97	0.036	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/27/97	0.07	0.01	0.300
Lead	08/27/97	0.0007	0.0005	0.010
Manganese	08/27/97	0.033	0.005	0.050
Magnesium	09/18/97	9.80	0.05	NA
Mercury	09/03/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	3.59	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	22.15	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	0.051	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: NA
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	ND	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/04/97	ND	0.001	0.008
Barium	10/21/97	ND	0.03	2.000
Beryllium	08/28/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	ND	0.03	NA
Chromium	10/21/97	0.019	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/28/97	0.01	0.01	0.300
Lead	08/27/97	ND	0.0005	0.010
Manganese	08/27/97	0.007	0.005	0.050
Magnesium	09/18/97	ND	0.05	NA
Mercury	08/19/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	ND	0.04	NA
Selenium	12/9/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	ND	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	ND	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2880.01
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.0517	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/04/97	0.003	0.001	0.008
Barium	10/21/97	0.58	0.03	2.000
Beryllium	08/28/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	110.1	0.03	NA
Chromium	10/21/97	0.030	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/28/97	82.68	0.01	0.300
Lead	08/27/97	0.0013	0.0005	0.010
Manganese	08/27/97	0.474	0.005	0.050
Magnesium	09/18/97	11.76	0.05	NA
Mercury	08/19/97	0.0006	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	11.21	0.04	NA
Selenium	12/09/97	0.003	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	11.31	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	0.004	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2880.02
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-3

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.0261	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/04/97	0.002	0.001	0.008
Barium	10/21/97	0.09	0.03	2.000
Beryllium	08/28/97	ND	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	63.13	0.03	NA
Chromium	10/21/97	0.030	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/28/97	9.30	0.01	0.300
Lead	08/27/97	ND	0.0005	0.010
Manganese	08/27/97	0.511	0.005	0.050
Magnesium	09/18/97	5.89	0.05	NA
Mercury	08/19/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	8.92	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	9.17	0.003	0.020
Sodium	09/18/97	ND	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	ND	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 2880.03
Sample Received: 8/6/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result (mg/L)	MDL (mg/L)	GW Criteria (mg/L)
Aluminum	08/21/97	0.2363	0.0005	0.200
Antimony	10/23/97	ND	0.0005	0.020
Arsenic	09/04/97	0.001	0.001	0.008
Barium	10/21/97	ND	0.03	2.000
Beryllium	08/28/97	0.00037	0.00006	0.020
Cadmium	10/23/97	ND	0.002	0.004
Calcium	10/23/97	10.48	0.03	NA
Chromium	10/21/97	0.026	0.007	0.100
Cobalt	10/23/97	ND	0.02	NA
Copper	09/05/97	ND	0.003	1.000
Iron	08/28/97	0.40	0.01	0.300
Lead	08/27/97	ND	0.0005	0.010
Manganese	08/27/97	0.128	0.005	0.050
Magnesium	09/18/97	4.94	0.05	NA
Mercury	08/19/97	ND	0.0002	0.002
Nickel	09/09/97	ND	0.01	0.100
Potassium	09/18/97	5.17	0.04	NA
Selenium	12/09/97	ND	0.003	0.050
Silver	09/02/97	ND	0.003	0.020
Sodium	09/18/97	10.54	0.01	50.00
Thallium	10/24/97	ND	0.001	0.010
Vanadium	11/19/97	ND	0.2	NA
Zinc	09/05/97	1.027	0.002	5.000

ND = Not Detected, MDL = Method Detection Limit, NA = Not Applicable

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: **M-2**

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3094.05	MW-01	29-32584	10/23/97
3094.03	MW-02	29-32585	10/23/97
3094.04	MW-03	29-32586	10/23/97

NJDEP Laboratory Certification # 13461

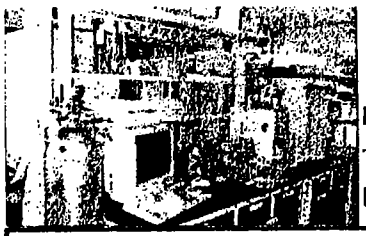
Report Date: 8 January,1998

Daniel Wright
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x 26273
(X)DERA ( )OMA ( )Other:
Project No:
Location: M-2
Samplers Name / Company : Roy Robust / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	TAL metals	TCL BNA +25	TCL Pest /PCB				HNu	Remarks / Preservation Method
30794 01	Trip Blank	10/13/97	0800	Aq	2	X								All Samples Kept <4°C
02	Field Blank		1000		5	X	X	X	X					VOA - HCl
03	MW#2 #432585		1025		5	X	X	X	X					Metals - HNO3
04	MW#3 #432586		1045		5	X	X	X	X					
05	MW#1 #432584		1135		9	X	X	X	X					QC for BNA + Pest/PCB
06	Field Dup		—		5	X	X	X	X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Rec. Fogle	10/13/97 1300	D. Wright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	v02292.d	Sample Name	Daily Blank
Operator	Skelton	Field ID	Daily Blank
Date Acquired	10/24/19 -1:3:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		2
71-43-2	Benzene			not detected	0.51 ug/L		1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		2
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank
E = Value above linier range
D = Value from dilution

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Data File Name	v02307.d	Sample Name	**Daily Blank**
Operator	Skelton	Field ID	**Daily Blank**
Date Acquired	10/28/19 -1:0:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		
71-43-2	Benzene			not detected	0.51 ug/L		
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank

E = Value above linier range

D = Value from dilution

Volatile Analysis Report
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Data File Name	v02295.d	Sample Name	3094.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	10/24/19 -1:5:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		2
71-43-2	Benzene			not detected	0.51 ug/L		1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		2
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank

E = Value above linier range

D = Value from dilution

Volatile Analysis Report
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Data File Name	v02296.d	Sample Name	3094.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	10/24/19 -1:6:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		[illegible]
71-43-2	Benzene			not detected	0.51 ug/L		[illegible]
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		[illegible]
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank
E = Value above linier range
D = Value from dilution

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Data File Name	v02313.d	Sample Name	3094.05
Operator	Skelton	Field ID	MW1
Date Acquired	10/28/19 -1:5:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		2
71-43-2	Benzene			not detected	0.51 ug/L		1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		2
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank

E = Value above linier range

D = Value from dilution

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Data File Name	v02311.d	Sample Name	3094.03
Operator	Skelton	Field ID	MW2
Date Acquired	10/28/19 -1:3:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		
71-43-2	Benzene			not detected	0.51 ug/L		
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		2
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene	29.29	132757	10.88 ug/L	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank
E = Value above linier range
D = Value from dilution

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	v02312.d	Sample Name	3094.04
Operator	Skelton	Field ID	MW3
Date Acquired	10/28/19 -1:4:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		2
71-43-2	Benzene	20.64	26102	1.31 ug/L	0.51 ug/L		1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		2
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene	29.28	214064	17.75 ug/L	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank

E = Value above linier range

D = Value from dilution

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	v02314.d	Sample Name	3094.06
Operator	Skelton	Field ID	Field Dup
Date Acquired	10/28/19 -1:6:	Sample Multiplier	1

CAS#	Name	R.T.	Response	Amount	MDL	Qualifiers	GW Criteria
107028	Acrolein			not detected	6.25 ug/L		na
107131	Acrylonitrile			not detected	6.25 ug/L		na
75650	tert-Butyl alcohol			not detected	12.50 ug/L		na
1634044	Methyl-tert-Butyl ether			not detected	2.50 ug/L		na
108203	Di-isopropyl ether			not detected	1.25 ug/L		na
	Dichlorodifluoromethane			not detected	3.63 ug/L		na
74-87-3	Chloromethane			not detected	0.79 ug/L		30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L		5
74-83-9	Bromomethane			not detected	1.45 ug/L		10
75-00-3	Chloroethane			not detected	2.20 ug/L		na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L		na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L		2
67-64-1	Acetone			not detected	1.57 ug/L		700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L		na
75-09-2	Methylene Chloride			not detected	1.66 ug/L		2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L		100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L		70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L		na
78-93-3	2-Butanone			not detected	2.06 ug/L		300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L		10
67-66-3	Chloroform			not detected	0.43 ug/L		6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L		30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L		[illegible]
71-43-2	Benzene			not detected	0.51 ug/L		[illegible]
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L		[illegible]
79-01-6	Trichloroethene			not detected	0.94 ug/L		1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L		1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L		1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L		na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L		na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L		400
108-88-3	Toluene			not detected	0.73 ug/L		1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L		na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L		3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L		1
591-78-6	2-Hexanone			not detected	1.12 ug/L		na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L		10
108-90-7	Chlorobenzene			not detected	0.66 ug/L		4
100-41-4	Ethylbenzene			not detected	1.14 ug/L		700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L		na
1330-20-7	o-Xylene			not detected	1.92 ug/L		na
100-42-5	Styrene			not detected	1.57 ug/L		100
75-25-2	Bromoform			not detected	1.68 ug/L		4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L		2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L		600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L		74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L		600

Qualifiers

B = Compound found in related blank

E = Value above linier range

D = Value from dilution

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Daily Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02292.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/24/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Daily Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Daily Blank

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02307.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/28/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Trip Blank

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02295.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/24/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02296.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/24/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW1

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02313.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/28/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW2

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02311.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/28/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW3

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02312.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/28/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.83	6	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3094 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3094.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02314.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: not dec. Date Analyzed: 10/28/97

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.83	10	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bn0663.d**	Sample Name	**SBLK01**
Operator	**Skelton**	Field ID	**10/30/97**
Date Acquired	**11/ 5/97 11:00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.30	1592043	7.92 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bn0667.d**	Sample Name	**3094.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11/ 5/97 14:02**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.29	440832	2.87 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	**bn0670.d**	Sample Name	**3094.05**
Operator	**Skelton**	Field ID	**MW1**
Date Acquired	**11/ 5/97 16:11**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.29	933451	6.45 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	**bn0668.d**	Sample Name	**3094.03**
Operator	**Skelton**	Field ID	**MW2**
Date Acquired	**11/ 5/97 14:45**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.30	582929	3.75 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	**bn0669.d**	Sample Name	**3094.04**
Operator	**Skelton**	Field ID	**MW3**
Date Acquired	**11/ 5/97 15:28**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.30	646194	4.03 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

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Data File Name	**bn0671.d**	Sample Name	**3094.06**
Operator	**Skelton**	Field ID	**Field Dup**
Date Acquired	**11/ 5/97 16:54**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Amount	MDL	GW Criteria
110-86-1	Pyridine			not detected	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	0.94 ug/L	20
62-53-3	Aniline			not detected	0.15 ug/L	
108-95-2	Phenol			not detected	0.47 ug/L	4000
111-44-4	bis(2-Chloroethyl)ether			not detected	0.48 ug/L	10
95-57-8	2-Chlorophenol			not detected	0.18 ug/L	40
541-73-1	1,3-Dichlorobenzene			not detected	0.15 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	0.23 ug/L	75
100-51-6	Benzyl alcohol			not detected	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	0.16 ug/L	600
	2-Methylphenol			not detected	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	0.61 ug/L	300
	4-Methylphenol			not detected	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	0.36 ug/L	20
67-72-1	Hexachloroethane			not detected	0.33 ug/L	10
98-95-3	Nitrobenzene			not detected	0.46 ug/L	10
78-59-1	Isophorone			not detected	0.35 ug/L	100
88-75-5	2-Nitrophenol			not detected	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	0.27 ug/L	100
111-91-1	bis(2-Chloroethoxy)methane			not detected	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	0.12 ug/L	20
65-85-0	Benzoic Acid			not detected	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	0.25 ug/L	9
91-20-3	Naphthalene			not detected	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	0.38 ug/L	1
59-50-7	4-Chloro-3-methylphenol			not detected	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	1.50 ug/L	50
88-06-2	2,4,6-Trichlorophenol			not detected	0.42 ug/L	20
	2,4,5-Trichlorophenol			not detected	0.31 ug/L	700
91-58-7	2-Chloronaphthalene			not detected	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	0.18 ug/L	7000
208-96-8	Acenaphthylene			not detected	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	0.26 ug/L	
83-32-9	Acenaphthene			not detected	0.26 ug/L	400
51-28-5	2,4-Dinitrophenol			not detected	0.69 ug/L	40

132-64-9	Dibenzofuran			not detected	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	0.27 ug/L	
121-14-2	2,4-Dinitrotoluene			not detected	0.36 ug/L	10
84-66-2	Diethylphthalate			not detected	0.82 ug/L	5000
86-73-7	Fluorene			not detected	0.29 ug/L	300
7005-72-3	4-Chlorophenyl-phenylether			not detected	0.31 ug/L	
100-01-6	4-Nitroaniline			not detected	0.90 ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	0.44 ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	0.23 ug/L	20
103-33-3	Azobenzene			not detected	0.80 ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	0.55 ug/L	
118-74-1	Hexachlorobenzene			not detected	0.82 ug/L	10
87-86-5	Pentachlorophenol			not detected	1.08 ug/L	1
85-01-8	Phenanthrene			not detected	0.18 ug/L	
120-12-7	Anthracene			not detected	0.19 ug/L	2000
84-74-2	Di-n-butylphthalate	20.29	217913	1.43 ug/L	0.23 ug/L	900
206-44-0	Fluoranthene			not detected	0.41 ug/L	300
92-87-5	Benzidine			not detected	1.45 ug/L	50
129-00-0	Pyrene			not detected	0.32 ug/L	200
85-68-7	Butylbenzylphthalate			not detected	0.47 ug/L	100
56-55-3	Benzo[a]anthracene			not detected	0.22 ug/L	10
91-94-1	3,3'-Dichlorobenzidine			not detected	0.46 ug/L	60
218-01-9	Chrysene			not detected	0.20 ug/L	20
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	0.51 ug/L	30
117-84-0	Di-n-octylphthalate			not detected	0.82 ug/L	100
205-99-2	Benzo[b]fluoranthene			not detected	0.37 ug/L	10
207-08-9	Benzo[k]fluoranthene			not detected	0.32 ug/L	2
50-32-8	Benzo[a]pyrene			not detected	0.31 ug/L	20
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	0.79 ug/L	20
53-70-3	Dibenz[a,h]anthracene			not detected	0.28 ug/L	20
191-24-2	Benzo[g,h,i]perylene			not detected	0.40 ug/L	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SBLK01**

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: SBLK01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0663.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.03	17	J
2. 000103-23-1	Hexanedioic acid, bis(2-ethylhexy	24.11	22	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3094.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0667.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.05	21	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW1

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3094.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0670.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.06	29	JN
2.	unknown hydrocarbon	16.45	8	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW2

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3094.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0668.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	5.05	20	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW3

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3094.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0669.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.05	22	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Dup

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3094 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3094.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN0671.D

Level: (low/med) LOW Date Received: 10/23/97

% Moisture: _____ decanted: (Y/N) N Date Analyzed: 11/05/97

Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

Injection Volume: 1.0 (uL) Soil Aliquot Volume: 1 (uL)

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	5.06	26	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Extraction Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3094.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/23/97
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3094.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/23/97
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3094.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/23/97
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3094.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/23/97
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3094.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/23/97
	Bldg. 173	**Extraction Date:**	10/29/97
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/97
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field DUP
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: NA
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	ND	200	10.0
Antimony	01/28/98	ND	20	2.0
Arsenic	01/28/98	ND	8	2.0
Barium	01/28/98	ND	2000	0.5
Beryllium	01/28/98	ND	20	0.5
Cadmium	01/28/98	ND	4	0.5
Calcium	01/28/98	ND	NLE	10.0
Chromium	01/28/98	ND	100	0.5
Cobalt	01/28/98	ND	NLE	0.5
Copper	01/28/98	ND	1000	3.0
Iron	01/28/98	ND	300	5.0
Lead	01/28/98	ND	10	2.0
Magnesium	01/28/98	ND	NLE	10.0
Manganese	01/28/98	ND	50	0.5
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	ND	100	0.5
Potassium	01/28/98	ND	NLE	10.0
Selenium	01/28/98	ND	50	3.0
Silver	01/28/98	ND	20	3.0
Sodium	01/28/98	ND	50000	10.0
Thallium	01/28/98	ND	10	3.0
Vanadium	01/28/98	ND	NLE	1.0
Zinc	01/28/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established,
NA = Not Applicable

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3094.02
Sample Received: 10/23/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	117.0	200	20.0
Antimony	01/28/98	ND	20	4.0
Arsenic	01/28/98	ND	8	4.0
Barium	01/28/98	4.1	2000	1.0
Beryllium	01/28/98	ND	20	1.0
Cadmium	01/28/98	ND	4	1.0
Calcium	01/28/98	1230.0	NLE	20.0
Chromium	01/28/98	3.1	100	1.0
Cobalt	01/28/98	1.0	NLE	1.0
Copper	01/28/98	15.0	1000	6.0
Iron	01/28/98	602.0	300	10.0
Lead	01/28/98	3.0	10	4.0
Magnesium	01/28/98	220.0	NLE	20.0
Manganese	01/28/98	12.7	50	1.0
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	ND	100	1.0
Potassium	01/28/98	ND	NLE	20.0
Selenium	01/28/98	ND	50	6.0
Silver	01/28/98	ND	20	6.0
Sodium	01/28/98	700.0	50000	20.0
Thallium	01/28/98	ND	10	6.0
Vanadium	01/28/98	ND	NLE	2.0
Zinc	01/28/98	95.0	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3094.05
Sample Received: 10/23/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	344.0	200	20.0
Antimony	01/28/98	ND	20	4.0
Arsenic	01/28/98	ND	8	4.0
Barium	01/28/98	63.8	2000	1.0
Beryllium	01/28/98	ND	20	1.0
Cadmium	01/28/98	1.6	4	1.0
Calcium	01/28/98	12680.0	NLE	20.0
Chromium	01/28/98	2.5	100	1.0
Cobalt	01/28/98	5.4	NLE	1.0
Copper	01/28/98	13.0	1000	6.0
Iron	01/28/98	488.0	300	10.0
Lead	01/28/98	11.0	10	4.0
Magnesium	01/28/98	4670.0	NLE	20.0
Manganese	01/28/98	77.7	50	1.0
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	16.9	100	1.0
Potassium	01/28/98	5020.0	NLE	20.0
Selenium	01/28/98	ND	50	6.0
Silver	01/28/98	ND	20	6.0
Sodium	01/28/98	9040.0	50000	20.0
Thallium	01/28/98	ND	10	6.0
Vanadium	01/28/98	ND	NLE	2.0
Zinc	01/28/98	646.0	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3094.03
Sample Received: 10/23/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	107.0	200	20.0
Antimony	01/28/98	ND	20	4.0
Arsenic	01/28/98	ND	8	4.0
Barium	01/28/98	120.0	2000	1.0
Beryllium	01/28/98	ND	20	1.0
Cadmium	01/28/98	ND	4	1.0
Calcium	01/28/98	62570.0	NLE	20.0
Chromium	01/28/98	1.7	100	1.0
Cobalt	01/28/98	1.2	NLE	1.0
Copper	01/28/98	8.0	1000	6.0
Iron	01/28/98	16230.0	300	10.0
Lead	01/28/98	7.0	10	4.0
Magnesium	01/28/98	5470.0	NLE	20.0
Manganese	01/28/98	145.4	50	1.0
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	1.8	100	1.0
Potassium	01/28/98	6930.0	NLE	20.0
Selenium	01/28/98	ND	50	6.0
Silver	01/28/98	ND	20	6.0
Sodium	01/28/98	7820.0	50000	20.0
Thallium	01/28/98	ND	10	6.0
Vanadium	01/28/98	ND	NLE	2.0
Zinc	01/28/98	63.0	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3094.04
Sample Received: 10/23/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-3

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	145.0	200	20.0
Antimony	01/28/98	ND	20	4.0
Arsenic	01/28/98	ND	8	4.0
Barium	01/28/98	47.4	2000	1.0
Beryllium	01/28/98	ND	20	1.0
Cadmium	01/28/98	ND	4	1.0
Calcium	01/28/98	64240.0	NLE	20.0
Chromium	01/28/98	1.5	100	1.0
Cobalt	01/28/98	ND	NLE	1.0
Copper	01/28/98	25.0	1000	6.0
Iron	01/28/98	10010.0	300	10.0
Lead	01/28/98	13.0	10	4.0
Magnesium	01/28/98	4780.0	NLE	20.0
Manganese	01/28/98	426.8	50	1.0
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	1.7	100	1.0
Potassium	01/28/98	9120.0	NLE	20.0
Selenium	01/28/98	ND	50	6.0
Silver	01/28/98	ND	20	6.0
Sodium	01/28/98	10300.0	50000	20.0
Thallium	01/28/98	ND	10	6.0
Vanadium	01/28/98	ND	NLE	2.0
Zinc	01/28/98	71.0	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3094.06
Sample Received: 10/23/97
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup.

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	01/28/98	350.0	200	20.0
Antimony	01/28/98	ND	20	4.0
Arsenic	01/28/98	ND	8	4.0
Barium	01/28/98	63.3	2000	1.0
Beryllium	01/28/98	ND	20	1.0
Cadmium	01/28/98	1.7	4	1.0
Calcium	01/28/98	12190.0	NLE	20.0
Chromium	01/28/98	1.7	100	1.0
Cobalt	01/28/98	5.3	NLE	1.0
Copper	01/28/98	7.0	1000	6.0
Iron	01/28/98	262.0	300	10.0
Lead	01/28/98	16.0	10	4.0
Magnesium	01/28/98	4700.0	NLE	20.0
Manganese	01/28/98	72.7	50	1.0
Mercury	11/10/97	ND	2	0.2
Nickel	01/28/98	17.1	100	1.0
Potassium	01/28/98	5000.0	NLE	20.0
Selenium	01/28/98	ND	50	6.0
Silver	01/28/98	ND	20	6.0
Sodium	01/28/98	9930.0	50000	20.0
Thallium	01/28/98	ND	10	6.0
Vanadium	01/28/98	ND	NLE	2.0
Zinc	01/28/98	662.0	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3336.03	MW-01	29-32584	02/11/98
3336.04	MW-02	29-32585	02/11/98
3336.05	MW-03	29-32586	02/11/98
3336.06	MW-04	29-37988	02/11/98

NJDEP Laboratory Certification # 13461

Report Date: 18 February, 1998

Daniel Wright
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x.26223
( )DERA ( )OMA ( )Other:

Project No:
Location: M-2

Samplers Name / Company: Ray Pogwist / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA's	TAL metals	BNA's	Pest / PCB	Comments: Remarks / Preservation Method
3336. 01	Trip Blank	2/11/98	800	Aq	2	x				All Samples Kept <4°C
02	Field Blank		1000		5	x	x	x	x	Metals - HNO3 <2pH
03	MW#1 #2932584		1135							VOA - HCl <2pH
04	MW#2 #2932585		1115							
05	MW#3 2932586		1050							
06	MW#4 2937988		1410							No DEPE# Given
07	Field Dup		—							

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Ray C. Kost	2/11/98 1445	J. Vaughan			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

Organic Data Qualifiers

Form 1:

This form reports concentrations of Tentatively Identified Compounds. Form 1E is the Volatile report, Form 1F is for Semi-Volatiles.

Qualifiers are:

J	Estimated Value
N	Presumptive evidence of a compound
E	Concentration exceeds calibration range
D	Diluted sample
A	TIC is a suspected aldol condensation product

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v02996.d**
Operator **Skelton**
Date Acquired **19 Feb 1998 15:32**

Sample Name **VBLK25**
Field ID **VBLK25**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v02998.d**
Operator **Skelton**
Date Acquired **19 Feb 1998 17:05**

Sample Name **3336.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
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Data File Name	v02999.d	Sample Name	3336.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	19 Feb 1998 17:52	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Data File Name **v03000.d**
Operator **Skelton**
Date Acquired **19 Feb 1998 18:39**

Sample Name **3336.03**
Field ID **MW1**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
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Data File Name	**v03001.d**	Sample Name	**3336.04**
Operator	**Skelton**	Field ID	**MW2**
Date Acquired	**19 Feb 1998 19:26**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	29.29	87649	7.39 ug/L	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
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Data File Name	v03002.d	Sample Name	3336.05
Operator	Skelton	Field ID	MW3
Date Acquired	19 Feb 1998 20:13	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene	20.63	55329	3.78 ug/L	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	29.28	923681	78.82 ug/L	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene	35.27	46399	5.36 ug/L	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Data File Name	v03003.d	Sample Name	3336.06
Operator	Skelton	Field ID	MW4
Date Acquired	19 Feb 1998 21:00	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	29.29	29153	2.41 ug/L	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**v03004.d**	Sample Name	**3336.07**
Operator	**Skelton**	Field ID	**Field Dup**
Date Acquired	**19 Feb 1998 21:48**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	29.28	23217	1.96 ug/L	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **VBLK25**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: VBLK25

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02996.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02998.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V02999.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW1

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V03000.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW2

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V03001.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.84	21	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW3

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V03002.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW4

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V03003.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.84	17	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project

NJDEP # 13461 Case No.: 3336 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3336.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: V03004.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: not dec. Date Analyzed: 02/19/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.84	9	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**BN1007.D**	Sample Name	**SBLK 23**
Operator	**FITZPATRICK**	Misc Info	**SBLK 23 980213**
Date Acquired	**02/18/98 09:28**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BN1007.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 09:28**

Sample Name **SBLK 23**
Misc Info **SBLK 23 980213**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.17	584209	4.99 ug/L	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.65	445883	9.37 ug/L	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	25.16	273533	4.37 ug/L	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name BN1009.D
Operator FITZPATRICK
Date Acquired 02/18/98 11:01

Sample Name 3336.02
Misc Info FIELD BLANK
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BN1009.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 11:01**

Sample Name **3336.02**
Misc Info **FIELD BLANK**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.19	3205546	31.18 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.65	109302	2.66 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	25.17	67849	1.26 ug/L	30	0.51	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1010.D	Sample Name	3336.03
Operator	FITZPATRICK	Misc Info	MW#1
Date Acquired	02/18/98 11:49	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name **BN1010.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 11:49**

Sample Name **3336.03**
Misc Info **MW#1**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.19	2833805	29.15 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.66	756146	19.71 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	25.17	95414	1.89 ug/L	30	0.51	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name BN1011.D
Operator FITZPATRICK
Date Acquired 02/18/98 12:33

Sample Name 3336.04
Misc Info MW#2
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name **BN1011.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 12:33**

Sample Name **3336.04**
Misc Info **MW#2**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.19	2751385	29.04 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.66	408675	10.93 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	25.01	834407	16.97 ug/L	30	0.51	ug/L	B
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **BN1012.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 13:17**

Sample Name **3336.05**
Misc Info **MW#3**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene	8.09	99923	2.60 ug/L	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene	10.92	152630	1.76 ug/L	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene	15.04	410506	7.36 ug/L	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran	15.42	194809	2.27 ug/L	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name **BN1012.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 13:17**

Sample Name **3336.05**
Misc Info **MW#3**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene	16.21	153547	2.46 ug/L	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene	18.42	98872	1.26 ug/L	NLE	0.18	ug/L	
120-12-7	Anthracene	18.42	98872	1.27 ug/L	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.19	3951822	39.74 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.65	402450	9.78 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **BN1013.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 14:01**

Sample Name **3336.06**
Misc Info **MW#4**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BN1013.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 14:01**

Sample Name **3336.06**
Misc Info **MW#4**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.19	2973446	28.88 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.65	188669	4.59 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1014.D	Sample Name	3336.07
Operator	FITZPATRICK	Misc Info	FIELD DUP.
Date Acquired	02/18/98 14:44	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **BN1014.D**
Operator **FITZPATRICK**
Date Acquired **02/18/98 14:44**

Sample Name **3336.07**
Misc Info **FIELD DUP.**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.18	2137624	21.23 ug/L	900	0.23	ug/L	B
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate	23.66	549466	13.35 ug/L	100	0.47	ug/L	B
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

SBLK 23

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: SBLK 23

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1007.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004254-15-3	(S)-(+)-1,2-Propanediol	3.24	39	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	4.95	31	JN
3. 000112-92-5	1-Octadecanol	23.07	30	JN
4. 001241-94-7	Octicizer	24.30	40	JN
5.	unknown	24.45	16	J
6. 006624-79-9	1-Dotriacontanol	24.74	13	JN
7. 000131-16-8	1,2-Benzenedicarboxylic acid, di	25.01	38	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1009.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.30	65	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	4.97	36	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#1

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1010.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004254-15-3	(S)-(+)-1,2-Propanediol	3.25	34	JN
2.	unknown	4.97	34	J
3.	unknown	21.99	10	J
4. 000112-92-5	1-Octadecanol	23.06	35	JN
5. 000103-23-1	Hexanedioic acid, bis(2-ethylhex	24.06	540	JN
6. 001241-94-7	Octicizer	24.33	36	JN
7. 006624-79-9	1-Dotriacontanol	24.74	18	JN
8. 000603-11-2	1,2-Benzenedicarboxylic acid, 3-	25.03	65	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#2

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1011.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.23	36	JN
2. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	4.96	27	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#3

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1012.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-55-6	Propylene Glycol	3.24	37	JN
2. 000108-90-7	Benzene, chloro-	4.93	15	JN
3.	unknown	4.96	25	J
4.	unknown	17.08	11	J
5. 000057-11-4	Octadecanoic acid	21.99	9	JN
6. 000603-11-2	1,2-Benzenedicarboxylic acid, 3-	25.01	17	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#4

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1013.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004254-15-3	(S)-(+)-1,2-Propanediol	3.29	66	JN
2.	unknown	4.96	29	J

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD DUP

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3336 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3336.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1014.D

Level: (low/med) LOW Date Received: 02/11/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 02/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 02/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004254-15-3	(S)-(+)-1,2-Propanediol	3.29	78	JN
2.	unknown	4.96	27	J
3. 001599-67-3	1-Docosene	23.05	9	JN
4. 000603-11-2	1,2-Benzenedicarboxylic acid, 3-	25.01	39	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	Extraction Blank
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/19/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98

Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3336.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/11/98
	Bldg. 173	**Extraction Date:**	2/13/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/16/98

Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field DUP
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: Method Blank
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: NA

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	ND	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	ND	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	ND	4	1.0
Calcium	03/17/98	ND	NLE	20.0
Chromium	03/17/98	ND	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	ND	1000	6.0
Iron	03/17/98	ND	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	ND	NLE	20.0
Manganese	03/17/98	ND	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	ND	100	1.0
Potassium	03/17/98	ND	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	ND	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	ND	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.02
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	93	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	3.0	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	1.0	4	1.0
Calcium	03/17/98	700	NLE	20.0
Chromium	03/17/98	ND	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	11	1000	6.0
Iron	03/17/98	346	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	150	NLE	20.0
Manganese	03/17/98	17.9	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	6.0	100	1.0
Potassium	03/17/98	ND	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	ND	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	43	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.03
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	578	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	53.3	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	3.5	4	1.0
Calcium	03/17/98	15460	NLE	20.0
Chromium	03/17/98	1.7	100	1.0
Cobalt	03/17/98	4.9	NLE	1.0
Copper	03/17/98	11	1000	6.0
Iron	03/17/98	500	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	3710	NLE	20.0
Manganese	03/17/98	120	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	17.9	100	1.0
Potassium	03/17/98	5520	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	9290	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	1917	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.04
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	129	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	171	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	ND	4	1.0
Calcium	03/17/98	66770	NLE	20.0
Chromium	03/17/98	1.2	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	8.0	1000	6.0
Iron	03/17/98	22520	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	5930	NLE	20.0
Manganese	03/17/98	157	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	3.9	100	1.0
Potassium	03/17/98	ND	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	7130	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	38	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.05
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-3

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	256	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	317	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	ND	4	1.0
Calcium	03/17/98	154300	NLE	20.0
Chromium	03/17/98	ND	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	13	1000	6.0
Iron	03/17/98	39970	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	11200	NLE	20.0
Manganese	03/17/98	513	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	6.0	100	1.0
Potassium	03/17/98	18580	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	18180	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	48	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.06
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-4

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	514	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	177	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	ND	4	1.0
Calcium	03/17/98	5250	NLE	20.0
Chromium	03/17/98	1.7	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	9.0	1000	6.0
Iron	03/17/98	30140	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	6840	NLE	20.0
Manganese	03/17/98	534	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	4.5	100	1.0
Potassium	03/17/98	7700	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	7540	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	39	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3336.07
Sample Received: 02/11/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	03/17/98	180	200	20.0
Antimony	03/17/98	ND	20	4.0
Arsenic	03/17/98	ND	8	4.0
Barium	03/17/98	176	2000	1.0
Beryllium	03/17/98	ND	20	1.0
Cadmium	03/17/98	ND	4	1.0
Calcium	03/17/98	51490	NLE	20.0
Chromium	03/17/98	1.5	100	1.0
Cobalt	03/17/98	ND	NLE	1.0
Copper	03/17/98	10	1000	6.0
Iron	03/17/98	29990	300	10.0
Lead	03/17/98	ND	10	4.0
Magnesium	03/17/98	6800	NLE	20.0
Manganese	03/17/98	539	50	1.0
Mercury	02/19/98	ND	2	0.2
Nickel	03/17/98	4.9	100	1.0
Potassium	03/17/98	7490	NLE	20.0
Selenium	03/17/98	ND	50	6.0
Silver	03/17/98	ND	20	6.0
Sodium	03/17/98	7460	50000	20.0
Thallium	03/17/98	ND	10	6.0
Vanadium	03/17/98	ND	NLE	2.0
Zinc	03/17/98	39	5000	2.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3504.03	MW-01	29-32584	04/23/98
3504.04	MW-02	29-32585	04/23/98
3504.05	MW-03	29-32586	04/23/98
3509.03	MW-04	29-37988	04/27/98

NJDEP Laboratory Certification # 13461

Report Date: 31 July, 1998

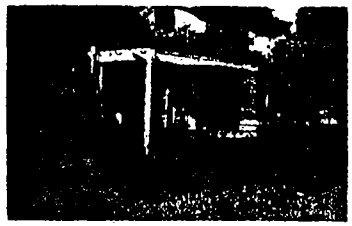
7/28/98

Daniel Wright ~~Date~~
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA Long Term Monitoring

Project No: IJN 98-0211
Location: M-2 BLDG 1122

Samplers Name / Company : DAVE DENNIHEY **TVS PWS-007**

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	ABN+25				OVA	Remarks / Preservation Method
25944.01	TRIP BLANK	4/23/98	0830	AQ	2	✓								All samples kept <4 degrees C
02	FIELD BLANK		1110		5	✓	✓	✓	✓					VOA pres. W/ HCL
03	MW-1 (2932584)		1603		5	✓	✓	✓	✓					Metals pres. W/ HNO_3
04	MW-2 (2932585)		1542		5	✓	✓	✓	✓					
05	MW-3 (2932586)		1534		5	✓	✓	✓	✓					
06	FIELD DUP		—		5	✓	✓	✓	✓					

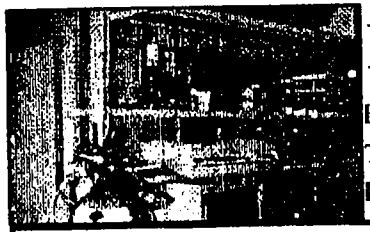
Comments:

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature);
D.D.	4/23/98 1630	J. Vergura			
Relinquished by (signature):	**Date/Time:**	**Received by (signature):**	**Relinquished by (signature):**	**Date/Time:**	**Received by (signature):**

Report Type: (X) DERA long term monitoring format
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No: M-2 BLDG. 1122

Location: MW-4

Samplers Name / Company : DAVE DENNARDT

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA + 15	BNA + 25	PEST / PCB	TAL METALS					Comments: Remarks / Preservation Method
3509 .01	TRIP BLANK	4/27/98	0800	1Q	2	✓			*					* METALS PRESERVED W/ HNO3
.02	FIELD BLANK		1000		5	✓	✓	✓	✓					* VOA PRESERVED W/ HCl
.03	MW-4		~~1600~~ 1154		5	✓	✓	✓	✓					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
D. DeBenedetto	4/27/98 1300	D. DeBenedetto			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified

Turnaround Time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00257.d**
Operator **Skelton**
Date Acquired **30 Apr 1998 4:38 pm**

Sample Name **VBLK06**
Field ID **VBLK06**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00287.d**
Operator **Skelton**
Date Acquired **6 May 1998 11:28 am**

Sample Name **VBLK07**
Field ID **VBLK07**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00278.d**
Operator **Skelton**
Date Acquired **1 May 1998 9:11 am**

Sample Name **3504.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	12.81	281467	32.88 ug/L	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00299.d**
Operator **Skelton**
Date Acquired **6 May 1998 8:35 pm**

Sample Name **3509.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00279.d**
Operator **Skelton**
Date Acquired **1 May 1998 9:58 am**

Sample Name **3504.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	12.81	688637	80.06 ug/L	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00300.d**
Operator **Skelton**
Date Acquired **6 May 1998 9:22 pm**

Sample Name **3509.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers
B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00280.d**
Operator **Skelton**
Date Acquired **1 May 1998 10:45 am**

Sample Name **3504.03**
Field ID **MW1**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00281.d**
Operator **Skelton**
Date Acquired **1 May 1998 11:31 am**

Sample Name **3504.04**
Field ID **MW2**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene	20.01	114717	3.12 ug/L	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	28.70	588435	24.07 ug/L	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene	34.70	64595	3.31 ug/L	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00282.d**
Operator **Skelton**
Date Acquired **1 May 1998 12:17 pm**

Sample Name **3504.05**
Field ID **MW3**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene	20.01	159408	4.26 ug/L	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	28.71	2701487	107.81 ug/L	4	0.66 ug/L	E
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene	34.71	186358	9.32 ug/L	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00301.d**
Operator **Skelton**
Date Acquired **6 May 1998 10:07 pm**

Sample Name **3509.03**
Field ID **MW4**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene			not detected	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb00283.d**
Operator **Skelton**
Date Acquired **1 May 1998 1:03 pm**

Sample Name **3504.06**
Field ID **Field Dup**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
107028	Acrolein			not detected	nle	6.25 ug/L	
107131	Acrylonitrile			not detected	nle	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	30	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	5	2.61 ug/L	
74-83-9	Bromomethane			not detected	10	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.74 ug/L	
67-64-1	Acetone			not detected	700	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	300	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.65 ug/L	
67-66-3	Chloroform			not detected	6	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	1.20 ug/L	
71-43-2	Benzene	20.01	161969	4.31 ug/L	1	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	1.33 ug/L	
108-88-3	Toluene			not detected	1000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	10	1.36 ug/L	
108-90-7	Chlorobenzene	28.71	2793377	109.33 ug/L	4	0.66 ug/L	E
100-41-4	Ethylbenzene			not detected	700	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	100	1.57 ug/L	
75-25-2	Bromoform			not detected	4	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene	34.70	196294	9.63 ug/L	74	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.75 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **VBLK06**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: VBLK06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00257.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 04/30/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **VBLK07**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3509 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: VBLK07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00287.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: not dec. _____ Date Analyzed: 05/06/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 m-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00278.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3509 SDG No _____ Location B1122 m-2

Matrix: (soil/water) WATER Lab Sample ID: 3509.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00299.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: not dec. _____ Date Analyzed: 05/06/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 m-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00279.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3509 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: 3509.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00300.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: not dec. _____ Date Analyzed: 05/06/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW1

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 MW-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00280.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW2

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00281.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW3

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 MW-3

Matrix: (soil/water) WATER Lab Sample ID: 3504.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00282.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW4

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3509 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: 3509.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00301.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: not dec. _____ Date Analyzed: 05/06/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project 980211

NJDEP# 13461 Case No.: 3504 SDG No _____ Location B1122 M-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB00283.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: not dec. _____ Date Analyzed: 05/01/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

NLE = No Limit Established
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bn1585.d**	Sample Name	**SBLK 62**
Operator	**FITZPATRICK**	Misc Info	**SBLK 62**
Date Acquired	**4 May 1998 10:47 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**bn1585.d**	Sample Name	**SBLK 62**
Operator	**FITZPATRICK**	Misc Info	**SBLK 62**
Date Acquired	**4 May 1998 10:47 am**	Sample Multiplier	**1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bn1585.d**	Sample Name	**SBLK 62**
Operator	**FITZPATRICK**	Misc Info	**SBLK 62**
Date Acquired	**4 May 1998 10:47 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**bn1585.d**	Sample Name	**SBLK 62**
Operator	**FITZPATRICK**	Misc Info	**SBLK 62**
Date Acquired	**4 May 1998 10:47 am**	Sample Multiplier	**1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1592.D	Sample Name	3504.02
Operator	FITZPATRICK	Misc Info	FIELD BLANK
Date Acquired	4 May 1998 4:47 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	BN1592.D	Sample Name	3504.02
Operator	FITZPATRICK	Misc Info	FIELD BLANK
Date Acquired	4 May 1998 4:47 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.89	148103	1.51 ug/L	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1597.D	Sample Name	3509.02
Operator	FITZPATRICK	Misc Info	FIELD BLANK
Date Acquired	4 May 1998 9:05 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	BN1597.D	Sample Name	3509.02
Operator	FITZPATRICK	Misc Info	FIELD BLANK
Date Acquired	4 May 1998 9:05 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.89	417589	4.04 ug/L	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1593.D	Sample Name	3504.03
Operator	FITZPATRICK	Misc Info	MW-1
Date Acquired	4 May 1998 5:39 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	BN1593.D	Sample Name	3504.03
Operator	FITZPATRICK	Misc Info	MW-1
Date Acquired	4 May 1998 5:39 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1594.D	Sample Name	3504.04
Operator	FITZPATRICK	Misc Info	MW-2
Date Acquired	4 May 1998 6:31 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene	9.75	140397	2.29 ug/L	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**BN1594.D**	Sample Name	**3504.04**
Operator	**FITZPATRICK**	Misc Info	**MW-2**
Date Acquired	**4 May 1998 6:31 pm**	Sample Multiplier	**1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1595.D	Sample Name	3504.05
Operator	FITZPATRICK	Misc Info	MW-3
Date Acquired	4 May 1998 7:23 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene	9.74	310085	5.13 ug/L	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene	12.63	417988	3.12 ug/L	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene	16.84	1096915	13.76 ug/L	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran	17.22	547639	4.90 ug/L	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol	18.04	31085	2.71 ug/L	NLE	0.27	ug/L	

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Data File Name	BN1595.D	Sample Name	3504.05
Operator	FITZPATRICK	Misc Info	MW-3
Date Acquired	4 May 1998 7:23 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene	18.04	385924	4.79 ug/L	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene	20.30	197075	1.91 ug/L	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.85	194883	2.44 ug/L	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

R.T. = Retention Time
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1598.D	Sample Name	3509.03
Operator	FITZPATRICK	Misc Info	MW -4
Date Acquired	4 May 1998 9:56 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**BN1598.D**	Sample Name	**3509.03**
Operator	**FITZPATRICK**	Misc Info	**MW-4**
Date Acquired	**4 May 1998 9:56 pm**	Sample Multiplier	**1**

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene	32.59	28954	1.16 ug/L	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene	32.65	18014	1.03 ug/L	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene	33.40	43518	1.70 ug/L	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN1596.D	Sample Name	3504.06
Operator	FITZPATRICK	Misc Info	FIELD DUP
Date Acquired	4 May 1998 8:14 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL	Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94 ug/L	
62-53-3	Aniline			not detected	NLE	0.15 ug/L	
108-95-2	Phenol			not detected	4000	0.47 ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48 ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15 ug/L	
106-46-7	1,4-Dichlorobenzene	9.74	290519	4.80 ug/L	75	0.23 ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16 ug/L	
	2-Methylphenol			not detected	NLE	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61 ug/L	
	4-Methylphenol			not detected	NLE	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36 ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33 ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46 ug/L	
78-59-1	Isophorone			not detected	100	0.35 ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27 ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12 ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25 ug/L	
91-20-3	Naphthalene	12.63	408480	3.07 ug/L	NLE	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38 ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50 ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42 ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31 ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18 ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26 ug/L	
83-32-9	Acenaphthene	16.83	1175380	14.73 ug/L	400	0.26 ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69 ug/L	
132-64-9	Dibenzofuran	17.21	593102	5.30 ug/L	NLE	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27 ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BN1596.D	Sample Name	3504.06
Operator	FITZPATRICK	Misc Info	FIELD DUP
Date Acquired	4 May 1998 8:14 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene	18.03	435229	5.40 ug/L	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene	20.30	224845	2.13 ug/L	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

SBLK 62

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: MA-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK 62

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1585.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.53	31	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SBLK 62**

Lab Name: FMETL Lab Code 13461

Project M-2 Case No.: 3509 Location MW-4 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: SBLK 62

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1585.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.53	31	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1592.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.50	13	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project M-2 Case No.: 3509 Location MW-4 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: 3509.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1597.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.51	21	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-1

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1593.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.50	12	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-2

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: MW-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1594.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-85-4	Amylene Hydrate	3.05	8	JN
2.	unknown	6.51	21	J
3. 000108-90-7	Benzene, chloro-	6.56	15	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-3

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: 3504.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1595.D

Level: (low/med) LOW Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.52	21	J
2. 000108-90-7	Benzene, chloro-	6.57	33	JN
3. 000496-11-7	Indane	10.17	11	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-4

Lab Name: FMETL Lab Code 13461

Project M-2 Case No.: 3509 Location MW-4 SDG No.: M-2

Matrix: (soil/water) WATER Lab Sample ID: 3509.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN1598.D

Level: (low/med) LOW Date Received: 04/27/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.51	19	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

FIELD DUP

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 3504 Location B.1122 SDG No.: M-2

Matrix: (soil/water) WATER

Lab Sample ID: 3504.06

Sample wt/vol: 1000 (g/ml) ML

Lab File ID: BN1596.D

Level: (low/med) LOW

Date Received: 04/23/98

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 04/27/98

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 05/04/98

Injection Volume: 1.0 (uL)

Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3

(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.52	23	J
2. 000108-90-7	Benzene, chloro-	6.56	34	JN
3. 000496-11-7	Indane	10.16	10	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK82
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3504.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/23/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	**ND**
beta-BHC	1		0.20	0.0026	**ND**
gamma-BHC	1		0.20	0.0026	**ND**
delta-BHC	1		NLE	0.0029	**ND**
Heptachlor	1		0.40	0.0027	**ND**
Aldrin	1		0.04	0.0028	**ND**
Heptachlor Epoxide	1		0.20	0.0024	**ND**
Endosulfan I	1		0.40	0.0024	**ND**
4,4'-DDE	1		0.10	0.0034	**ND**
Dieldrin	1		0.03	0.0019	**ND**
Endrin	1		2.00	0.0030	**ND**
Endrin Ketone	1		NLE	0.0100	**ND**
Endosulfan II	1		0.40	0.0027	**ND**
4,4'-DDD	1		0.10	0.0066	**ND**
4,4'-DDT	1		0.10	0.0015	**ND**
Endosulfan-Sulfate	1		0.40	0.0010	**ND**
Methoxychlor	1		NLE	0.0100	**ND**
Alpha-chlordane	1		0.50	0.0140	**ND**
Gamma-chlordane	1		0.50	0.0140	**ND**
Toxaphene	1		3.00	0.0182	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3509.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/27/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3504.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/23/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-1
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3504.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/23/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3504.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/23/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-3
Ext. Meth:	Sep. Funnel		

	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	**ND**
beta-BHC	1		0.20	0.0026	**ND**
gamma-BHC	1		0.20	0.0026	**ND**
delta-BHC	1		NLE	0.0029	**ND**
Heptachlor	1		0.40	0.0027	**ND**
Aldrin	1		0.04	0.0028	**ND**
Heptachlor Epoxide	1		0.20	0.0024	**ND**
Endosulfan I	1		0.40	0.0024	**ND**
4,4'-DDE	1		0.10	0.0034	**ND**
Dieldrin	1		0.03	0.0019	**ND**
Endrin	1		2.00	0.0030	**ND**
Endrin Ketone	1		NLE	0.0100	**ND**
Endosulfan II	1		0.40	0.0027	**ND**
4,4'-DDD	1		0.10	0.0066	**ND**
4,4'-DDT	1		0.10	0.0015	**ND**
Endosulfan-Sulfate	1		0.40	0.0010	**ND**
Methoxychlor	1		NLE	0.0100	**ND**
Alpha-chlordane	1		0.50	0.0140	**ND**
Gamma-chlordane	1		0.50	0.0140	**ND**
Toxaphene	1		3.00	0.0182	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3509.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/27/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3504.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	4/23/98
	Bldg. 173	**Extraction Date:**	4/29/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	5/23/98
Analysis:	EPA Method 608	**Location :**	M-2 Bldg. 1122
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Dup
Ext. Meth:	Sep. Funnel		

	Dilution Factor	Retention Time	GW Criteria	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0023	ND
beta-BHC	1		0.20	0.0026	ND
gamma-BHC	1		0.20	0.0026	ND
delta-BHC	1		NLE	0.0029	ND
Heptachlor	1		0.40	0.0027	ND
Aldrin	1		0.04	0.0028	ND
Heptachlor Epoxide	1		0.20	0.0024	ND
Endosulfan I	1		0.40	0.0024	ND
4,4'-DDE	1		0.10	0.0034	ND
Dieldrin	1		0.03	0.0019	ND
Endrin	1		2.00	0.0030	ND
Endrin Ketone	1		NLE	0.0100	ND
Endosulfan II	1		0.40	0.0027	ND
4,4'-DDD	1		0.10	0.0066	ND
4,4'-DDT	1		0.10	0.0015	ND
Endosulfan-Sulfate	1		0.40	0.0010	ND
Methoxychlor	1		NLE	0.0100	ND
Alpha-chlordane	1		0.50	0.0140	ND
Gamma-chlordane	1		0.50	0.0140	ND
Toxaphene	1		3.00	0.0182	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504
Sample Received: 04/23/98
Sample Preparation: 05/26/98
Sample Matrix: Aqueous

Site: M-2 Bldg. 1122
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	ND	200	10.0
Antimony	05/28/98	2.8	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	ND	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	53	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	55	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	78	NLE	20.0
Manganese	05/28/98	ND	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	1.4	100	0.5
Potassium	05/28/98	ND	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	ND	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	2.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3509
Sample Received: 04/27/98
Sample Preparation: 04/28/98
Sample Matrix: Aqueous

Site: M-2 Bldg. 1122
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	ND	200	10.0
Antimony	05/28/98	2.8	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	ND	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	53	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	55	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	78	NLE	20.0
Manganese	05/28/98	ND	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	1.4	100	0.5
Potassium	05/28/98	ND	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	ND	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	2.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504.02
Sample Received: 04/23/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	ND	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	ND	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	42	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	77	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	ND	NLE	20.0
Manganese	05/28/98	1.0	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	2.9	100	0.5
Potassium	05/28/98	ND	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	ND	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	4.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3509.02
Sample Received: 04/27/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	ND	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	ND	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	68	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	164	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	ND	NLE	20.0
Manganese	05/28/98	0.7	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	3.1	100	0.5
Potassium	05/28/98	ND	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	ND	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	3.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504.03
Sample Received: 04/23/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-1

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	239	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	57.2	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	2.5	4	0.5
Calcium	05/28/98	10090	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	2.1	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	233	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	1739	NLE	20.0
Manganese	05/28/98	73.1	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	9.7	100	0.5
Potassium	05/28/98	5217	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	6370	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	785	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504.04
Sample Received: 04/23/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-2

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	108	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	2.8	8	2.0
Barium	05/28/98	354	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	1.1	4	0.5
Calcium	05/28/98	75020	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	76160	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	7788	NLE	20.0
Manganese	05/28/98	282	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	2.1	100	0.5
Potassium	05/28/98	24570	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	11880	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	2.5	NLE	1.0
Zinc	05/28/98	7.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504.05
Sample Received: 04/23/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-3

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	58	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	566	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	145200	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	69260	300	10.0
Lead	05/28/98	2.8	10	2.0
Magnesium	05/28/98	9303	NLE	20.0
Manganese	05/28/98	516	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	ND	100	0.5
Potassium	05/28/98	17930	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	11200	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	1.2	NLE	1.0
Zinc	05/28/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3509.03
Sample Received: 04/27/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-4

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	ND	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	3.6	8	2.0
Barium	05/28/98	111	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	33070	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	17800	300	10.0
Lead	05/28/98	ND	10	2.0
Magnesium	05/28/98	5041	NLE	20.0
Manganese	05/28/98	757	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	3.5	100	0.5
Potassium	05/28/98	7929	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	8592	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	ND	NLE	1.0
Zinc	05/28/98	38.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3504.06
Sample Received: 04/23/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup.

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	05/28/98	42	200	10.0
Antimony	05/28/98	ND	20	2.0
Arsenic	05/28/98	ND	8	2.0
Barium	05/28/98	557	2000	0.5
Beryllium	05/28/98	ND	20	0.5
Cadmium	05/28/98	ND	4	0.5
Calcium	05/28/98	145400	NLE	20.0
Chromium	05/28/98	ND	100	0.5
Cobalt	05/28/98	ND	NLE	0.5
Copper	05/28/98	ND	1000	3.0
Iron	05/28/98	69320	300	10.0
Lead	05/28/98	3.2	10	2.0
Magnesium	05/28/98	9226	NLE	20.0
Manganese	05/28/98	511	50	0.5
Mercury	05/08/98	ND	2	0.2
Nickel	05/28/98	0.6	100	0.5
Potassium	05/28/98	17810	NLE	20.0
Selenium	05/28/98	ND	50	3.0
Silver	05/28/98	ND	20	3.0
Sodium	05/28/98	11160	50000	20.0
Thallium	05/28/98	ND	10	3.0
Vanadium	05/28/98	1.2	NLE	1.0
Zinc	05/28/98	1.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

	Lab	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Naphtha lene, 2-methyl-	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	900	30	NLE	NLE	200	300	50	10	-
05/02/97	FMETL	17	ND	ND	7	5	360	100	150	ND	V,S,P,M
08/06/97	FMETL	ND	ND	ND	ND	ND	236.3	400	128	ND	V,S,P,M
10/23/97	FMETL	ND	6.45	ND	ND	ND	344	488	78	11	V,S,P,M
02/11/98	FMETL	ND	29.1	1.89	ND	ND	578	500	120	ND	V,S,P,M
04/23/98	FMETL	ND	ND	ND	ND	ND	239	233	73.1	ND	V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

Silver in blank > GW Criteria for May 97.
Analyzed :V,S,P,M
Page 1 of 3.

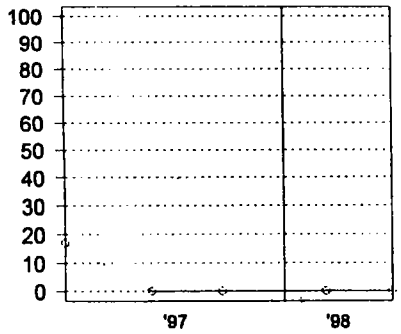
FORT MONMOUTH

GW MONITORING
Bldg M-2

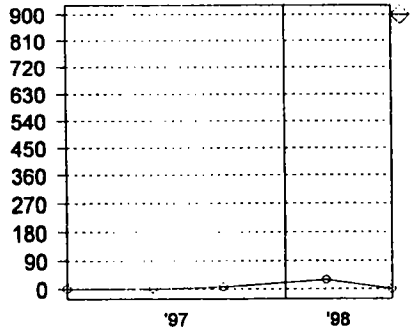
Well 1 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

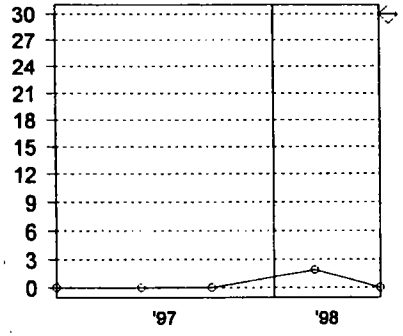
Silanol, trimethyl-
(ug/l)



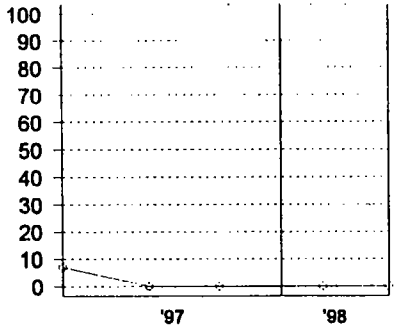
Di-n-butylphthalate
(ug/l)



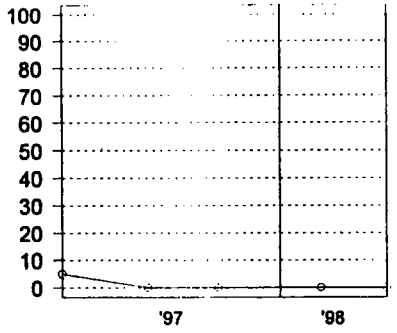
bis(2-Ethylhexyl)phthalate
(ug/l)



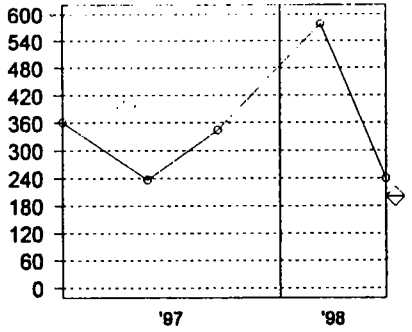
Naphthalene
(ug/l)



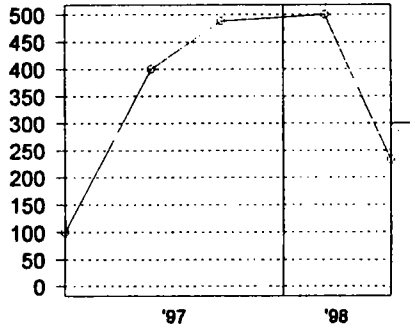
Naphthalene, 2-methyl
(ug/l)



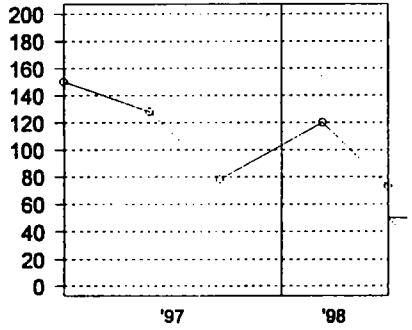
Aluminum
(ug/l)



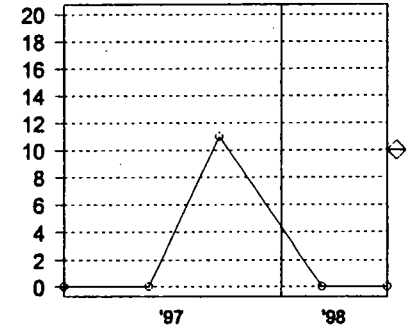
Iron
(ug/l)



Manganese
(ug/l)



Lead
(ug/l)



SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	20	2000	4	NLE	NLE	100	NLE	50000	5000	-
05/02/97	FMETL	17	-	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	-	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	ND	63.8	1.6	12680	4670	16.9	5020	9040	646	V,S,P,M
02/11/98	FMETL	ND	53.3	3.5	15460	3710	17.9	5520	9290	1917	V,S,P,M
04/23/98	FMETL	ND	57.2	2.5	10090	1739	9.7	5217	6370	785	V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

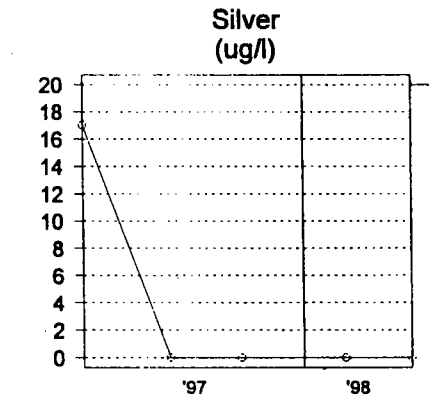
Silver in blank > GW Criteria for May 97.
Analyzed :V,S,P,M
Page 2 of 3.

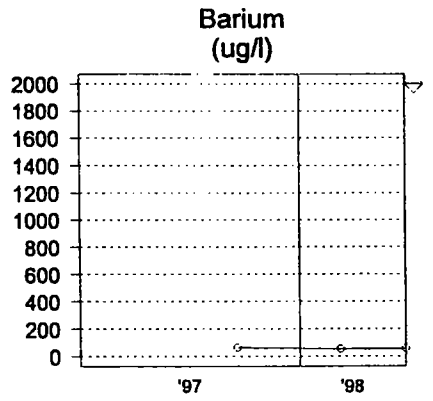
FORT MONMOUTH

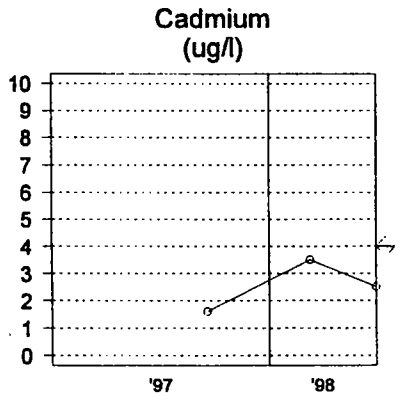
GW MONITORING
Bldg M-2

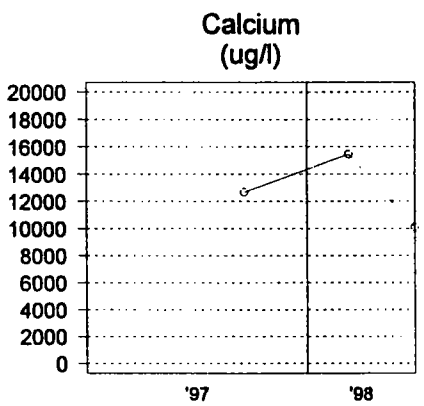
Well 1 of 4

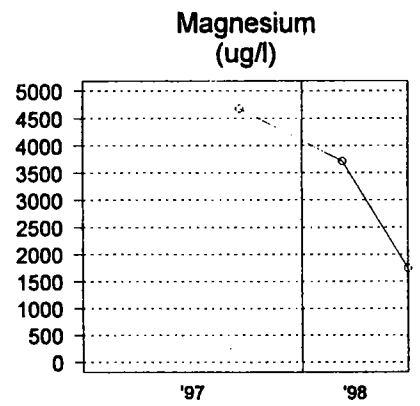
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

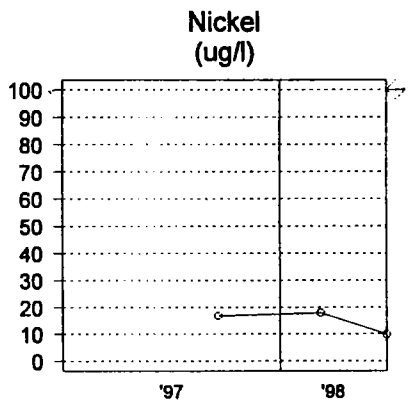


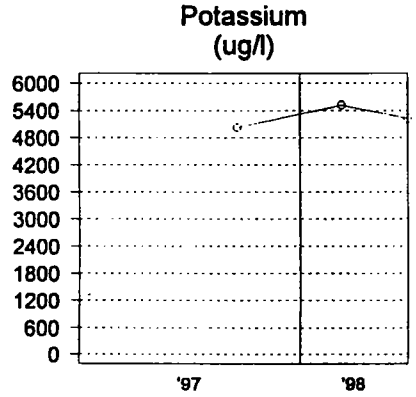


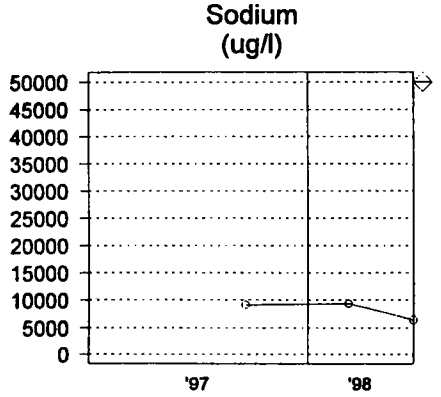


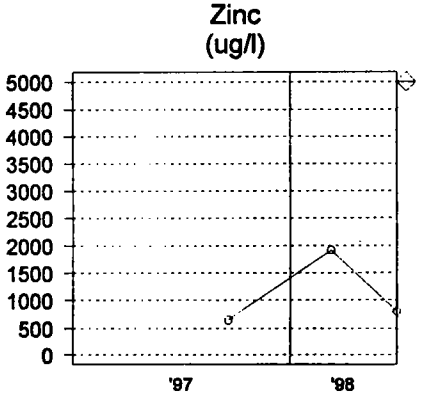












SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
05/02/97	FMETL	5.60									V,S,P,M
08/06/97	FMETL	8.15									V,S,P,M
10/23/97	FMETL	9.30									V,S,P,M
02/11/98	FMETL	5.15									V,S,P,M
04/23/98	FMETL	4.61									V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

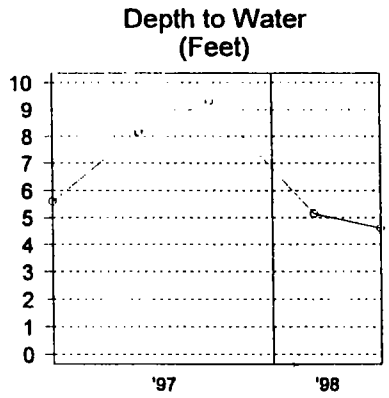
Silver in blank > GW Criteria for May 97.
Analyzed :V,S,P,M

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: MW1

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Carbon Disulfide	Benzene	Chloro benzene	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	1	4	NLE	900	30	200	300	50	-
05/08/97	FMETL	1.3	ND	18	4	ND	ND	49	35000	260	V,S,P,M
08/06/97	FMETL	ND	1.36	18.56	ND	ND	ND	51.7	82680	474	V,S,P,M
10/23/97	FMETL	ND	ND	10.9	ND	3.75	ND	107	16200	145	V,S,P,M
02/11/98	FMETL	ND	ND	7.39	ND	29.0	17.0	129	22500	157	V,S,P,M
04/23/98	FMETL	ND	3.12	24.07	ND	ND	ND	108	76160	282	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

NOTES:

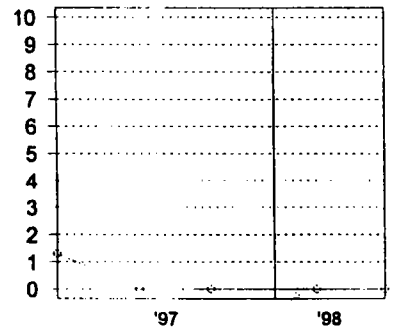
Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M

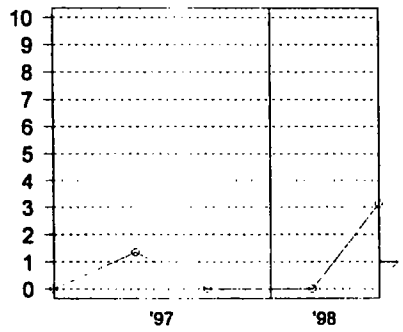
FORT MONMOUTH

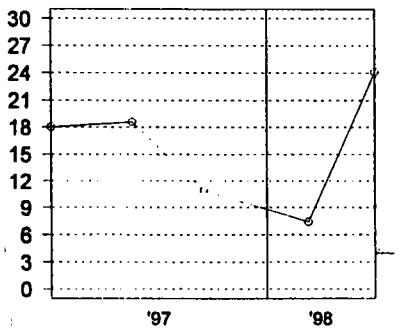
GW MONITORING
Bldg M-2

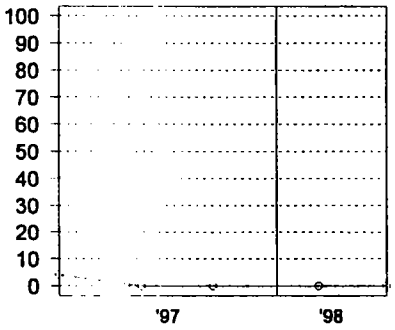
Well 2 of 4

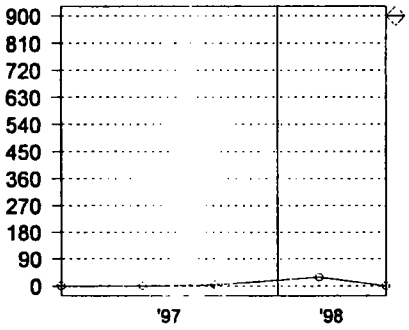
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

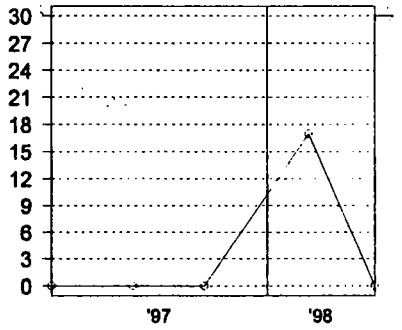


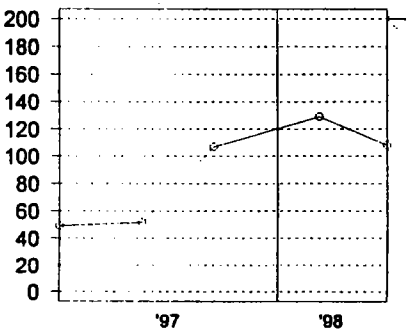


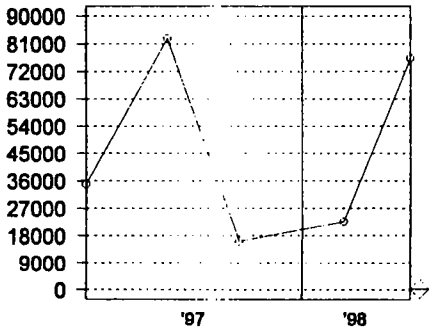












SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	4	NLE	NLE	100	NLE	50000	-
05/08/97	FMETL	ND	41	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	ND	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	7.0	ND	120	ND	62570	5470	1.8	6930	7820	V,S,P,M
02/11/98	FMETL	ND	ND	171	ND	66770	5930	3.9	ND	7130	V,S,P,M
04/23/98	FMETL	ND	ND	354	1.1	75020	7788	2.1	24570	11880	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

NOTES:

Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M
Page 2 of 3.

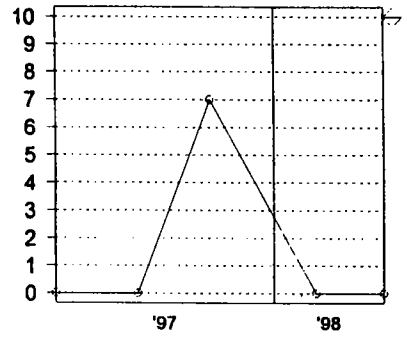
FORT MONMOUTH

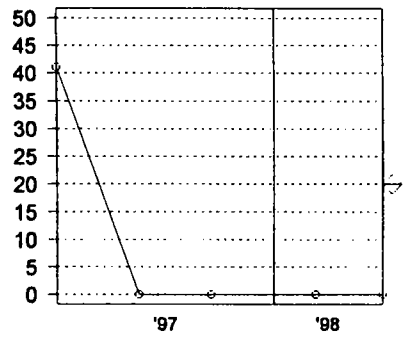
GW MONITORING
Bldg M-2

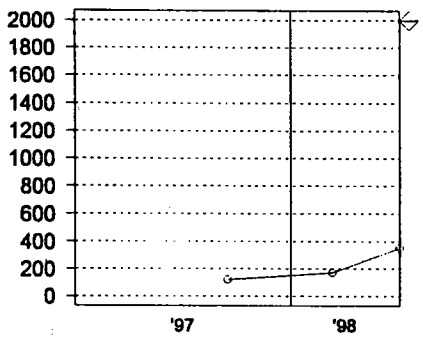
Well 2 of 4

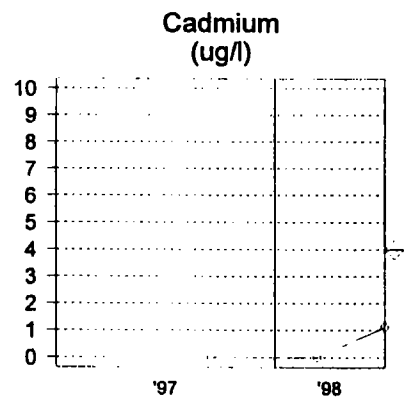
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

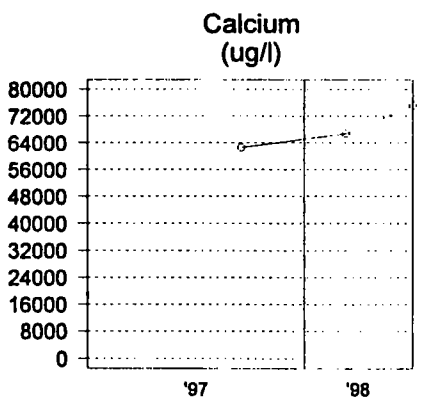
08-13-1998 c:\mtech46\fm\m-2\g...wsf

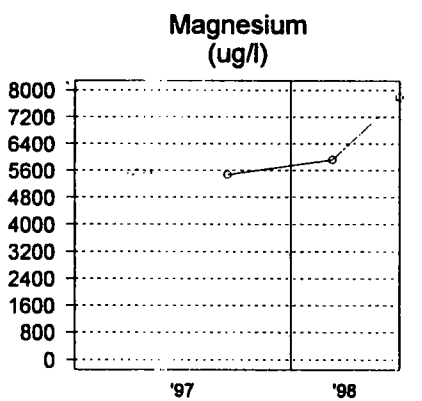


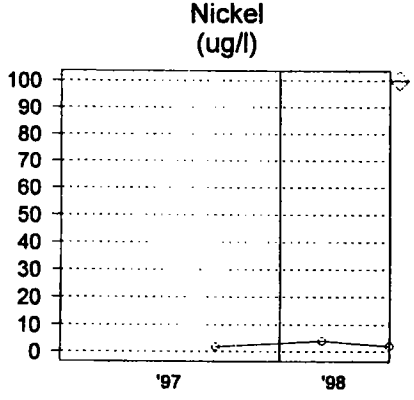


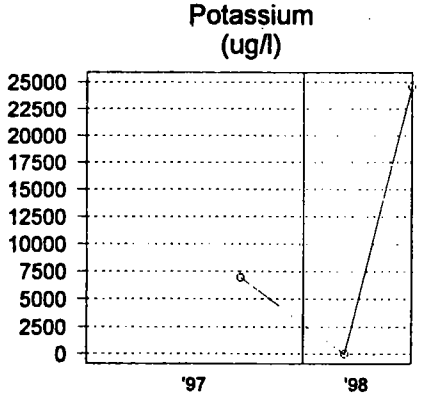


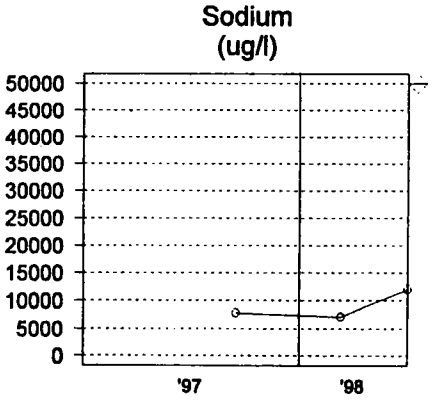












SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/08/97	FMETL	-	10.20								V,S,P,M
08/06/97	FMETL	-	10.60								V,S,P,M
10/23/97	FMETL	63	10.90								V,S,P,M
02/11/98	FMETL	38	9.80								V,S,P,M
04/23/98	FMETL	7.6	9.84								V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

NOTES:

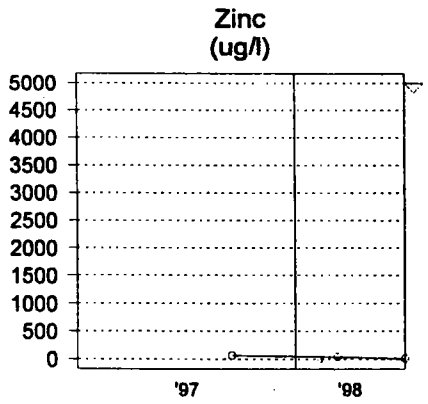
Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M
Page 3 of 3.

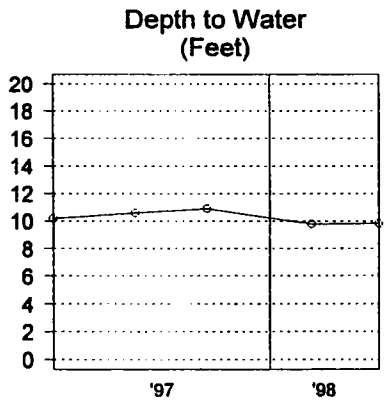
FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: MW2

Sampling Dates:
05/08/97 - 04/23/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Naphtha lene, 2-methyl-	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	NLE	900	30	NLE	NLE	200	300	-
05/02/97	FMETL	ND	4.69	26	ND	ND	ND	ND	62	12200	V,S,P,M
08/06/97	FMETL	ND	1.49	ND	2.20	ND	ND	4	26	9300	V,S,P,M
10/23/97	FMETL	1.31	17.7	ND	4.03	ND	ND	ND	145	10010	V,S,P,M
02/11/98	FMETL	3.78	78.8	ND	39.7	ND	1.76	ND	256	39970	V,S,P,M
04/23/98	FMETL	4.26	107.81	ND	ND	2.44	3.12	ND	58	69260	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

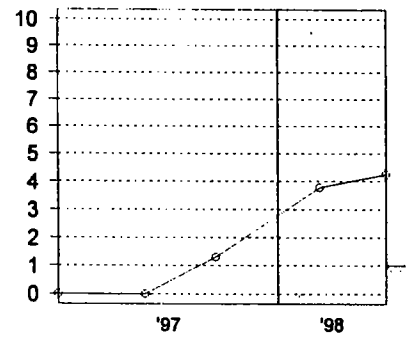
Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M

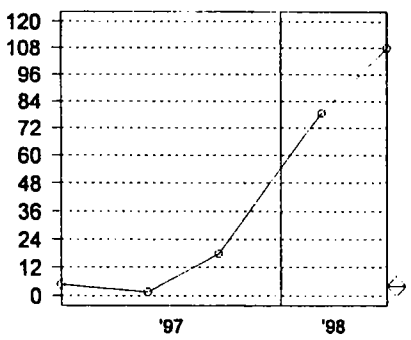
FORT MONMOUTH

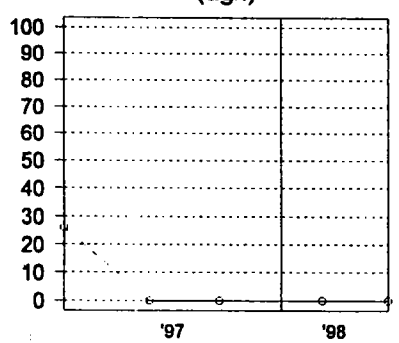
GW MONITORING
Bldg M-2

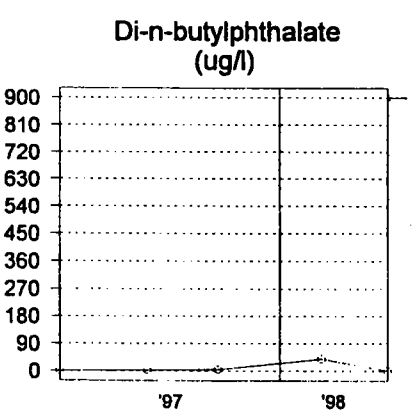
Well 3 of 4

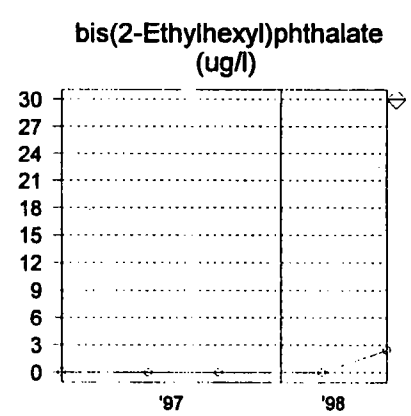
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

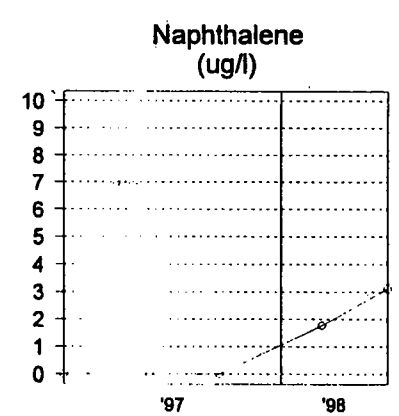


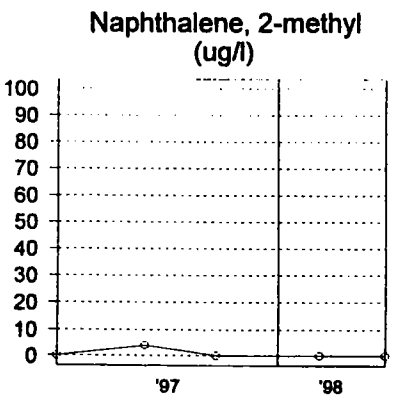


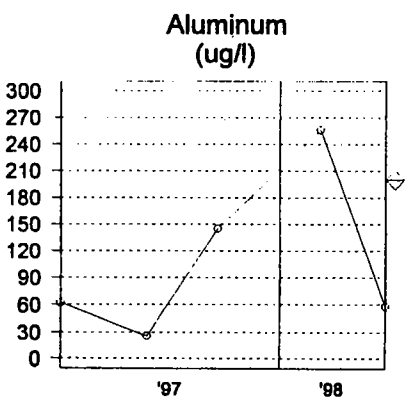


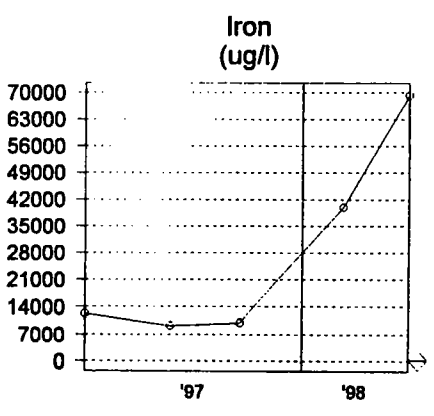












SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Manganese	Lead	Silver	Barium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	NLE	NLE	100	NLE	50000	-
05/02/97	FMETL	500	ND	36	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	511	ND	917	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	427	13	ND	47.4	64240	4780	1.7	9120	10300	V,S,P,M
02/11/98	FMETL	513	ND	ND	317	154300	11200	6	18580	18180	V,S,P,M
04/23/98	FMETL	516	2.8	ND	566	145200	9303	ND	17930	11200	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

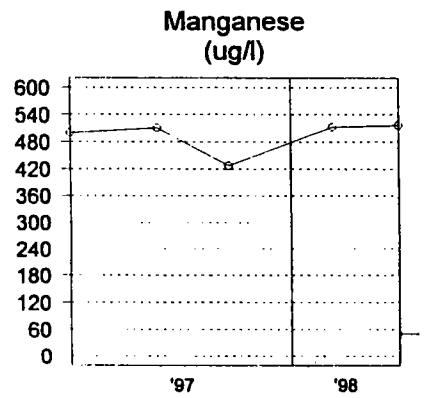
Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M

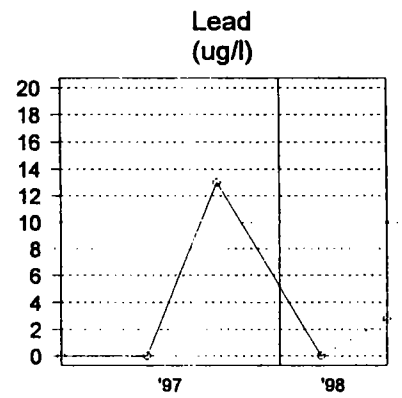
FORT MONMOUTH

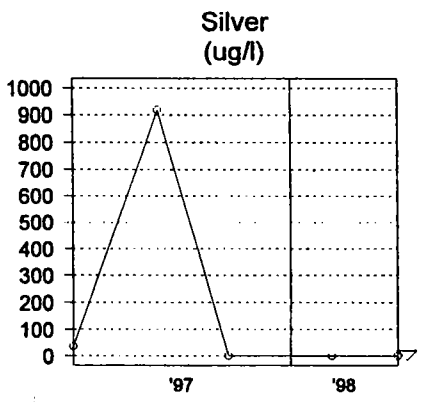
GW MONITORING
Bldg M-2

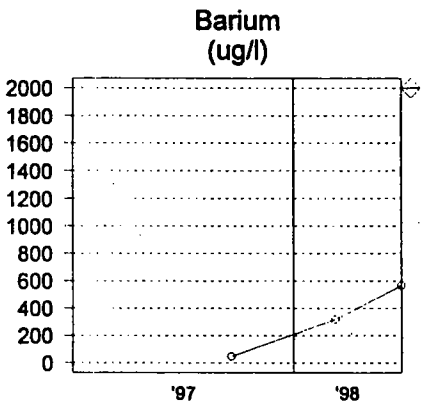
Well 3 of 4

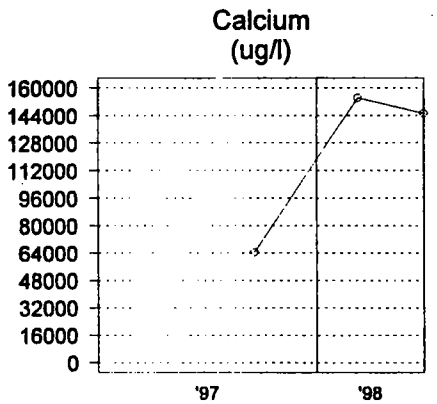
U.S. ARMY
FORT MONMOUTH
SELFM-PW-[illegible]

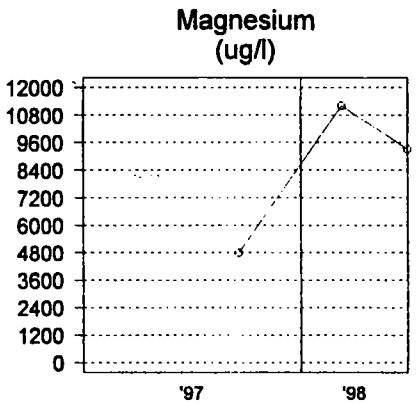


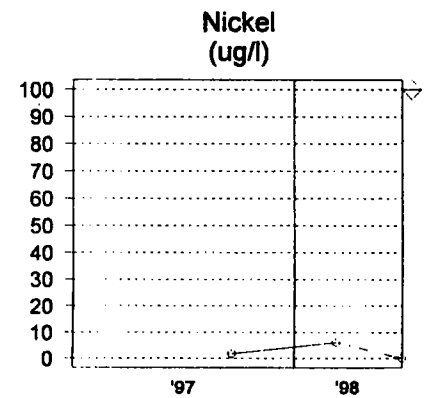


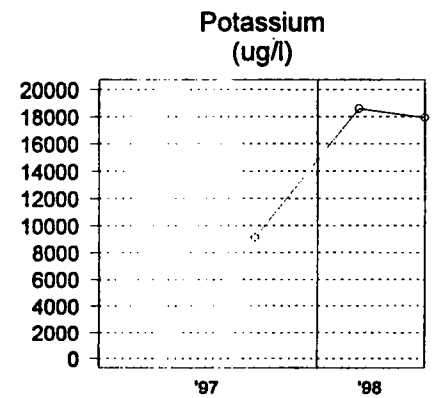


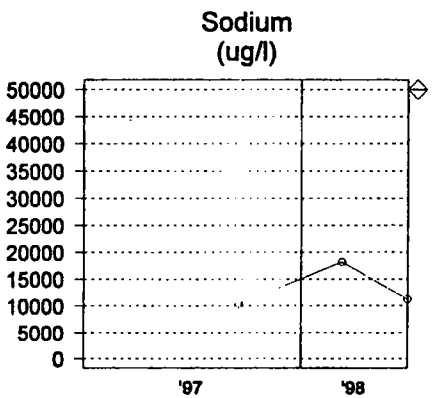












SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/02/97	FMETL	-	7.80								V,S,P,M
08/06/97	FMETL	-	8.20								V,S,P,M
10/23/97	FMETL	71	8.60								V,S,P,M
02/11/98	FMETL	48	7.40								V,S,P,M
04/23/98	FMETL	ND	7.83								V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

NOTES:

Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M
Page 3 of 3.

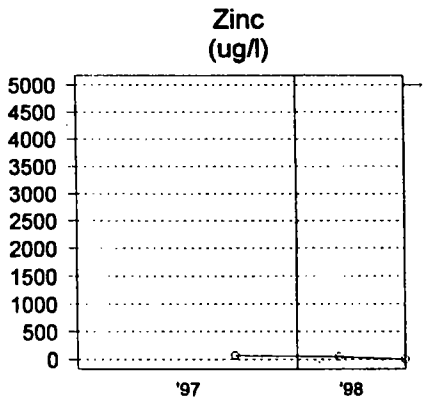
FORT MONMOUTH

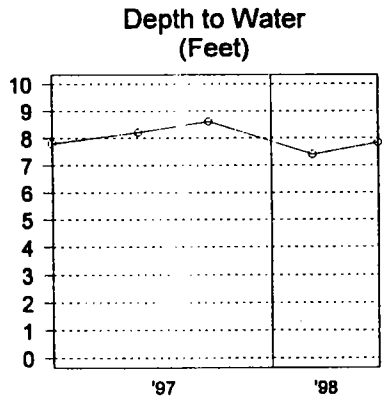
GW MONITORING
Bldg M-2

Well 3 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\g...wsf





SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

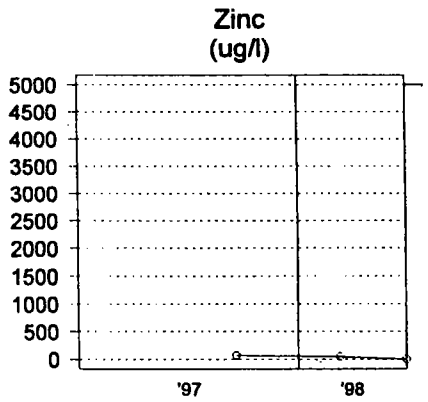
FORT MONMOUTH

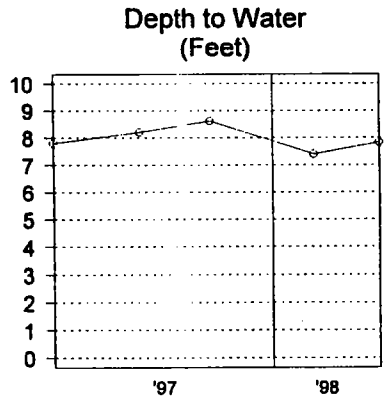
GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf





SOURCE: MW3

Sampling Dates:
05/02/97 - 04/23/98

LEGEND:

PARAMETER

.. = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Chloro benzene	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Barium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	900	200	300	50	2000	NLE	NLE	100	-
02/11/98	FMETL	2.41	28.9	514	30140	534	177	5250	6840	4.5	V,S,P,M
04/27/98	FMETL	ND	ND	ND	17800	757	111	33070	5041	3.5	V,S,P,M

SOURCE: MW4

Sampling Dates:
02/11/98 - 04/27/98

NOTES:

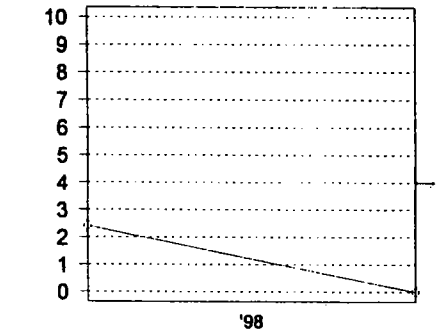
Silver in blank > GW Criteria for May 97.
Analyzed:V,S,P,M
Page 1 of 2.

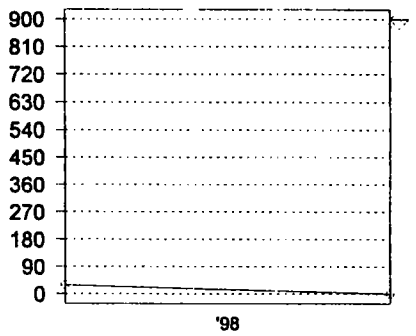
FORT MONMOUTH

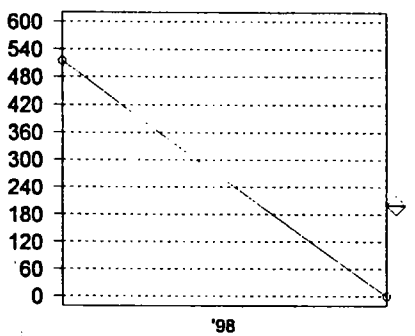
GW MONITORING
Bldg M-2

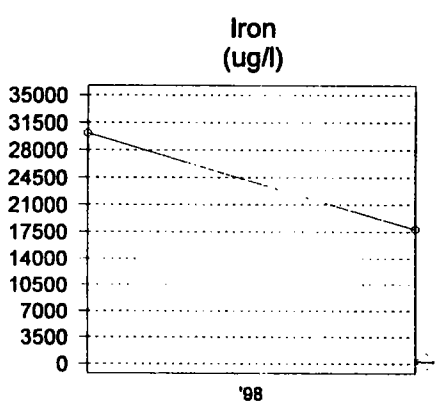
Well 4 of 4

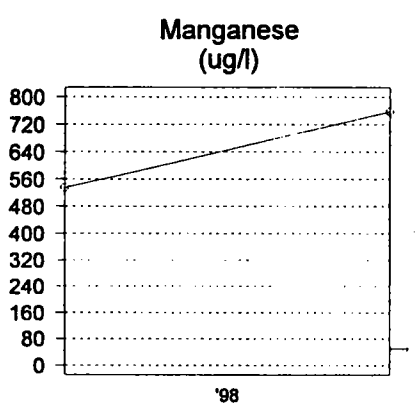
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

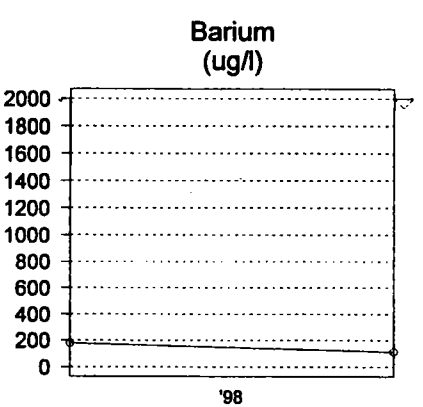


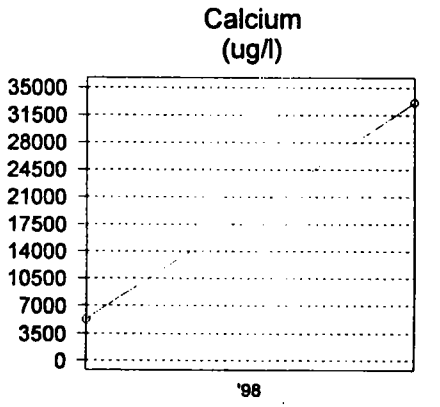


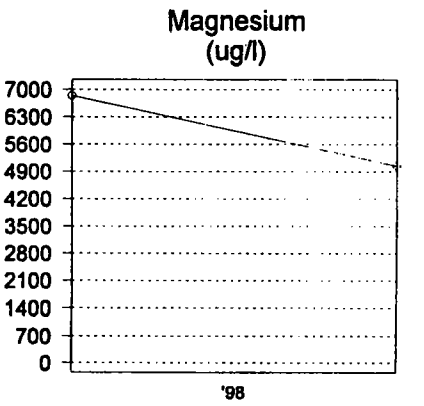


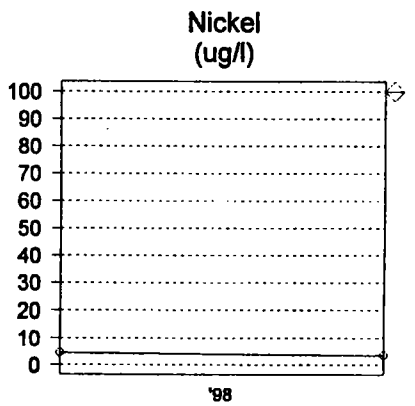












SOURCE: MW4

Sampling Dates:
02/11/98 - 04/27/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-13-1998 c:\mtech46\fm\m-2\gw\m2.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3744.03	MW-01	29-32584	07/22/98
3744.04	MW-02	29-32585	07/22/98
3744.05	MW-03	29-32586	07/22/98
3744.06	MW-04	29-37988	07/22/98

NJDEP Laboratory Certification # 13461

11/5/98
Daniel Wright Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

(✓)DERA ( )OMA ( )Other:_____

Project No:

Location: M-2 MW's

Samplers Name / Company : Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	BNA+25	Pest/PCB	TAL Metals				HNU Reading	Comments: HCL/HNO_3/4°C Remarks / Preservation Method
37464.01	Trip Blank	7/22/98	0710	AQ	2	✓								
.02	Field Blank		1021		5	✓	✓	✓	✓					well ID#
.03	MW-01		1327		5	✓	✓	✓	✓				✓	0.0 ppm 29-32584
.04	MW-02		1041		5	✓	✓	✓	✓				✓	0.0 ppm 29-32585
.05	MW-03		1145		5	✓	✓	✓	✓				✓	0.0 ppm 29-32586
.06	MW-04		1122		5	✓	✓	✓	✓				✓	0.0 ppm 29-37988
.07	Field Dupe		--		5	✓	✓	✓	✓					

Depth to water-
1122 MW-02
9.03 ft

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	7/22/98 1410				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified

Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01024.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 4:12 pm**

Sample Name **VBLK29**
Field ID **VBLK29**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01025.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 4:57 pm**

Sample Name **3744.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	12.82	360261	16.65 ug/L	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01026.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 5:44 pm**

Sample Name **3744.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.56	38451	5.29 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01027.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 6:31 pm**

Sample Name **3744.03**
Field ID **MW01**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.53	51452	7.27 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01028.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 7:17 pm**

Sample Name **3744.04**
Field ID **MW02**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.53	60761	8.77 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.05	467641	6.44 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.72	1542973	36.51 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.45	75292	1.65 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.72	201119	4.02 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	35.67	61402	1.35 ug/L	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01029.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 8:02 pm**

Sample Name **3744.05**
Field ID **MW03**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.72	451296	10.51 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01030.d**
Operator **Skelton**
Date Acquired **27 Jul 1998 8:48 pm**

Sample Name **3744.06**
Field ID **MW04**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.72	53409	1.29 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **VB01031.D**
Operator **Skelton**
Date Acquired **27 Jul 1998 9:34 pm**

Sample Name **3744.07**
Field ID **Field Dupe**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.56	29966	4.48 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: VBLK29

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: VBLK29

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01024.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01025.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 3744 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01026.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. _____ Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-01

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01027.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown hydrocarbon	13.31	11	J

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-02

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01028.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-67-8	Benzene, 1,3,5-trimethyl-	33.38	10	JN
2. 000526-73-8	Benzene, 1,2,3-trimethyl-	34.61	4	JN

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-03

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01029.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW-04

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3744 SDG No Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01030.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dupe**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 3744 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 3744.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01031.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: not dec. _____ Date Analyzed: 07/27/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 001066-40-6	Silanol, trimethyl-	13.28	6	JN

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn2135.d	Sample Name	SBLK 107
Operator	FITZPATRICK	Misc Info	SBLK 107
Date Acquired	28 Jul 98 2:15 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bn2135.d	Sample Name	SBLK 107
Operator	FITZPATRICK	Misc Info	SBLK 107
Date Acquired	28 Jul 98 2:15 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bn2136.d**
Operator **FITZPATRICK**
Date Acquired **28 Jul 98 3:09 pm**

Sample Name **3744.02**
Misc Info **FIELD BLANK**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name bn2136.d
Operator FITZPATRICK
Date Acquired 28 Jul 98 3:09 pm

Sample Name 3744.02
Misc Info FIELD BLANK
Sample Multiplier 1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	BN2137.D	Sample Name	3744.03
Operator	FITZPATRICK	Misc Info	MW-01
Date Acquired	28 Jul 1998 4:03 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	BN2137.D	Sample Name	3744.03
Operator	FITZPATRICK	Misc Info	MW-01
Date Acquired	28 Jul 1998 4:03 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate	17.77	25713	1.42 ug/L	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.67	19055	1.25 ug/L	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn2138.d	Sample Name	3744.04
Operator	FITZPATRICK	Misc Info	MW-02
Date Acquired	28 Jul 98 4:59 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene	9.52	28511	2.86 ug/L	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name	bn2138.d	Sample Name	3744.04
Operator	FITZPATRICK	Misc Info	MW-02
Date Acquired	28 Jul 98 4:59 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn2139.d	Sample Name	3744.05
Operator	FITZPATRICK	Misc Info	MW-03
Date Acquired	28 Jul 98 5:54 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

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Data File Name	bn2139.d	Sample Name	3744.05
Operator	FITZPATRICK	Misc Info	MW-03
Date Acquired	28 Jul 98 5:54 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn2140.d	Sample Name	3744.06
Operator	FITZPATRICK	Misc Info	MW-04
Date Acquired	28 Jul 98 6:49 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	bn2140.d	Sample Name	3744.06
Operator	FITZPATRICK	Misc Info	MW-04
Date Acquired	28 Jul 98 6:49 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bn2141.d	Sample Name	3744.07
Operator	FITZPATRICK	Misc Info	FIELD DUP
Date Acquired	28 Jul 98 7:43 pm	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	GW Criteria	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

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Data File Name	bn2141.d	Sample Name	3744.07
Operator	FITZPATRICK	Misc Info	FIELD DUP
Date Acquired	28 Jul 98 7:43 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.67	32173	2.47 ug/L	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

SBLK 107

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: SBLK 107

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2135.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD BLANK

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2136.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-01

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2137.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.29	9	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-02

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2138.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000108-90-7	Benzene, chloro-	6.32	16	JN
2. 000112-80-1	Oleic Acid	23.24	11	JN

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-03

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2139.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW-04

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2140.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD DUP

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 3744 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3744.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN2141.D

Level: (low/med) LOW Date Received: 07/22/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/23/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK151
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1	17.42	0.10	0.0009	0.003
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1	19.47	0.10	0.0013	0.002
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3744.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/22/98
	Bldg. 173	**Extraction Date:**	723/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/19/98
Analysis:	EPA Method 608	**Location :**	M-2 MW's
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Dup
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1	17.40	0.10	0.0009	0.003
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1	19.47	0.10	0.0013	0.002
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.02
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	ND	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	ND	8	2.0
Barium	07/27/98	ND	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	ND	4	0.5
Calcium	07/27/98	92.9	NLE	20.0
Chromium	07/27/98	ND	100	0.5
Cobalt	07/27/98	ND	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	ND	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	ND	NLE	20.0
Manganese	07/27/98	0.886	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	1.8	100	0.5
Potassium	07/27/98	ND	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	ND	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	ND	NLE	1.0
Zinc	07/27/98	4.41	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.03
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	2480	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	4.88	8	2.0
Barium	07/27/98	83.1	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	2.5	4	0.5
Calcium	07/27/98	12600	NLE	20.0
Chromium	07/27/98	7.10	100	0.5
Cobalt	07/27/98	3.81	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	7790	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	4100	NLE	20.0
Manganese	07/27/98	83.6	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	16.2	100	0.5
Potassium	07/27/98	8610	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	10500	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	9.03	NLE	1.0
Zinc	07/27/98	640	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.04
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	44.7	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	2.35	8	2.0
Barium	07/27/98	264	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	ND	4	0.5
Calcium	07/27/98	88600	NLE	20.0
Chromium	07/27/98	ND	100	0.5
Cobalt	07/27/98	0.769	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	26800	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	8540	NLE	20.0
Manganese	07/27/98	290	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	2.06	100	0.5
Potassium	07/27/98	42900	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	12600	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	1.62	NLE	1.0
Zinc	07/27/98	32.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.05
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	28.5	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	ND	8	2.0
Barium	07/27/98	86.4	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	ND	4	0.5
Calcium	07/27/98	72700	NLE	20.0
Chromium	07/27/98	ND	100	0.5
Cobalt	07/27/98	ND	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	14500	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	5010	NLE	20.0
Manganese	07/27/98	395	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	0.566	100	0.5
Potassium	07/27/98	11900	NLE	20.0
Selenium	07/27/98	3.95	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	11600	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	ND	NLE	1.0
Zinc	07/27/98	31.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.06
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW-04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	302	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	ND	8	2.0
Barium	07/27/98	131	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	ND	4	0.5
Calcium	07/27/98	33700	NLE	20.0
Chromium	07/27/98	ND	100	0.5
Cobalt	07/27/98	ND	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	26300	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	3780	NLE	20.0
Manganese	07/27/98	401	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	1.81	100	0.5
Potassium	07/27/98	7670	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	8500	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	1.71	NLE	1.0
Zinc	07/27/98	41.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744.07
Sample Received: 07/22/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Dup.

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	2610	200	10.0
Antimony	07/27/98	ND	20	2.0
Arsenic	07/27/98	4.10	8	2.0
Barium	07/27/98	83.0	2000	0.5
Beryllium	07/27/98	ND	20	0.5
Cadmium	07/27/98	ND	4	0.5
Calcium	07/27/98	12500	NLE	20.0
Chromium	07/27/98	10.1	100	0.5
Cobalt	07/27/98	3.82	NLE	0.5
Copper	07/27/98	8.77	1000	3.0
Iron	07/27/98	8330	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	4230	NLE	20.0
Manganese	07/27/98	80.1	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	16.7	100	0.5
Potassium	07/27/98	8550	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	9780	50000	20.0
Thallium	07/27/98	ND	10	3.0
Vanadium	07/27/98	9.62	NLE	1.0
Zinc	07/27/98	611	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3744
Sample Received: 07/22/98
Sample Preparation: 07/27/98
Sample Matrix: Aqueous

Site: M-2 Bldg. 1122
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/27/98	43	200	10.0
Antimony	07/27/98	3.0	20	2.0
Arsenic	07/27/98	ND	8	2.0
Barium	07/27/98	ND	2000	0.5
Beryllium	07/27/98	0.5	20	0.5
Cadmium	07/27/98	0.8	4	0.5
Calcium	07/27/98	82	NLE	20.0
Chromium	07/27/98	ND	100	0.5
Cobalt	07/27/98	ND	NLE	0.5
Copper	07/27/98	ND	1000	3.0
Iron	07/27/98	20	300	10.0
Lead	07/27/98	ND	10	2.0
Magnesium	07/27/98	50	NLE	20.0
Manganese	07/27/98	0.9	50	0.5
Mercury	07/24/98	ND	2	0.2
Nickel	07/27/98	1.2	100	0.5
Potassium	07/27/98	ND	NLE	20.0
Selenium	07/27/98	ND	50	3.0
Silver	07/27/98	ND	20	3.0
Sodium	07/27/98	ND	50000	20.0
Thallium	07/27/98	3.0	10	3.0
Vanadium	07/27/98	ND	NLE	1.0
Zinc	07/27/98	6.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Naphtha lene, 2-methyl-	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	900	30	NLE	NLE	200	300	50	10	-
05/02/97	FMETL	17	ND	ND	7	5	360	100	150	ND	V,S,P,M
08/06/97	FMETL	ND	ND	ND	ND	ND	236.3	400	128	ND	V,S,P,M
10/23/97	FMETL	ND	6.45	ND	ND	ND	344	488	78	11	V,S,P,M
02/11/98	FMETL	ND	29.1	1.89	ND	ND	578	500	120	ND	V,S,P,M
04/23/98	FMETL	ND	ND	ND	ND	ND	239	233	73.1	ND	V,S,P,M
07/22/98	FMETL	ND	ND	1.25	ND	ND	2480	7790	83.6	ND	V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1

U.S. ARMY
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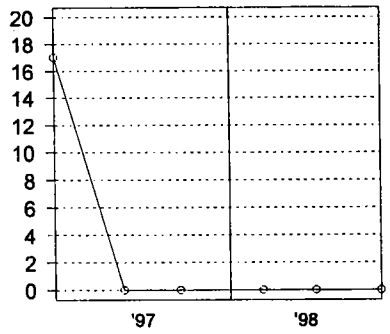
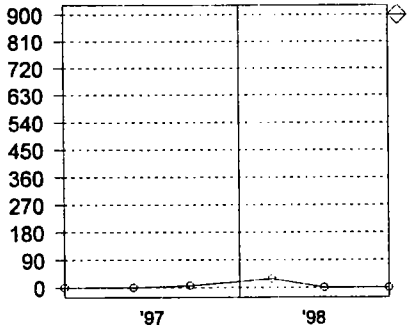
SELFM-PW-EV

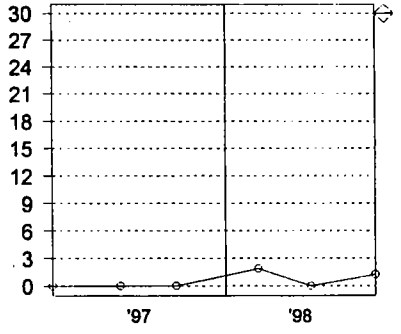
Silanol, trimethyl-
(ug/l)



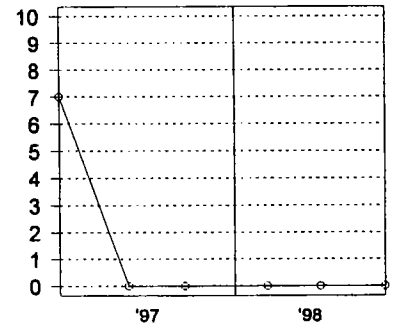
Di-n-butylphthalate
(ug/l)



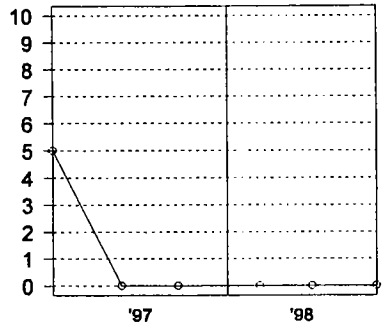
bis(2-Ethylhexyl)phthalate
(ug/l)



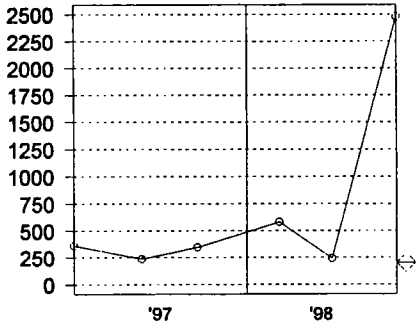
Naphthalene
(ug/l)



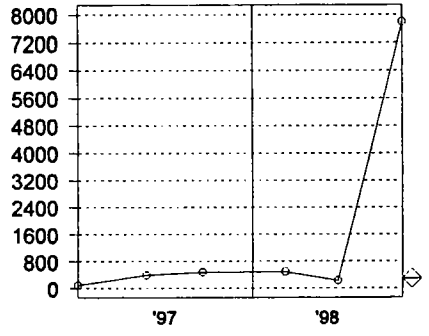
Naphthalene, 2-methyl
(ug/l)



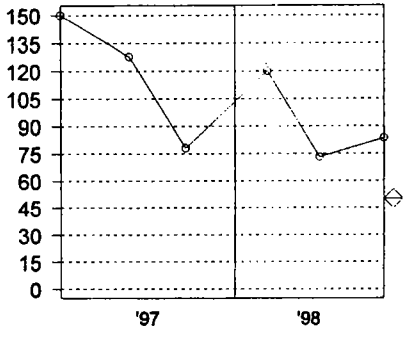
Aluminum
(ug/l)



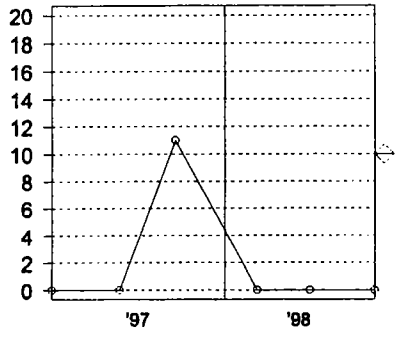
Iron
(ug/l)



Manganese
(ug/l)



Lead
(ug/l)



SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	20	2000	4	NLE	NLE	100	NLE	50000	5000	-
05/02/97	FMETL	17	-	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	-	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	ND	63.8	1.6	12680	4670	16.9	5020	9040	646	V,S,P,M
02/11/98	FMETL	ND	53.3	3.5	15460	3710	17.9	5520	9290	1917	V,S,P,M
04/23/98	FMETL	ND	57.2	2.5	10090	1739	9.7	5217	6370	785	V,S,P,M
07/22/98	FMETL	ND	83.1	2.5	12600	4100	16.2	8610	10500	640	V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1

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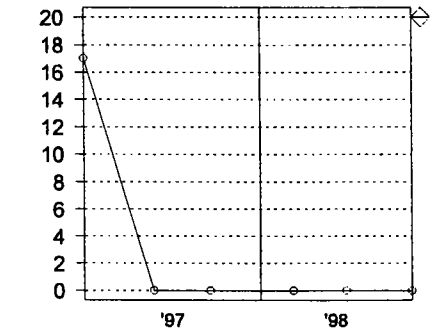
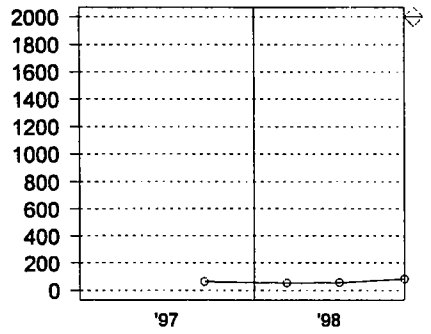
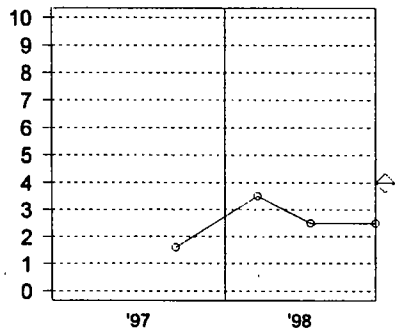
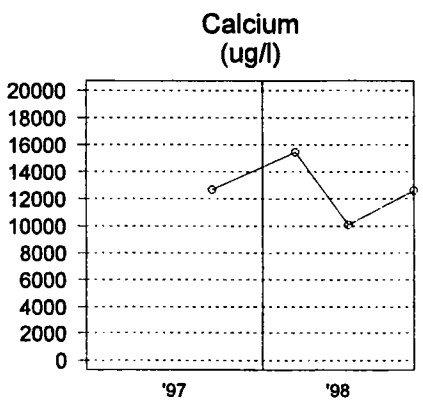
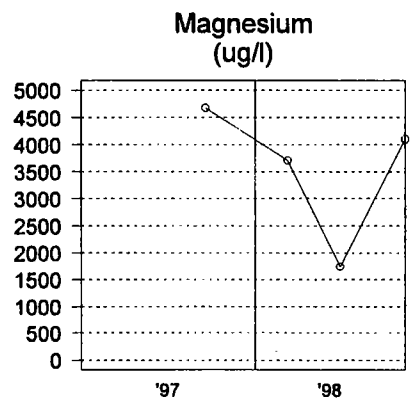
SELFM-PW-EV

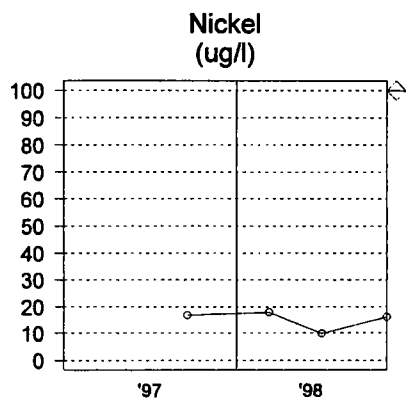


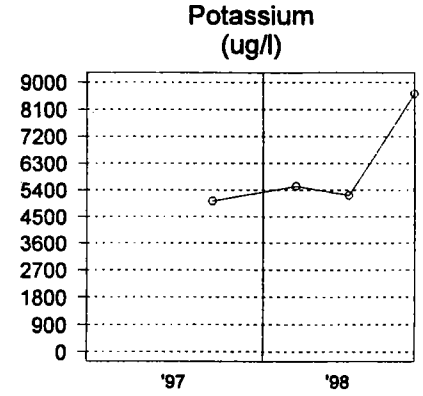


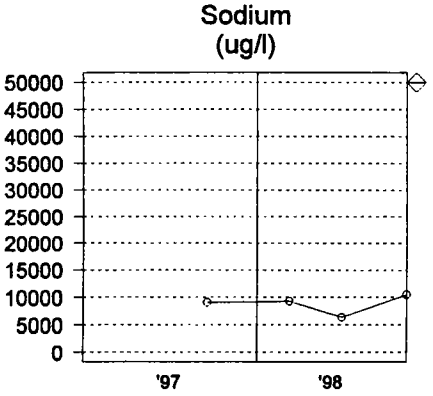


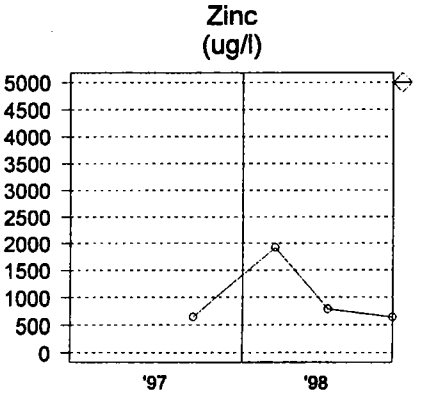












SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
05/02/97	FMETL	5.60									V,S,P,M
08/06/97	FMETL	8.15									V,S,P,M
10/23/97	FMETL	9.30									V,S,P,M
02/11/98	FMETL	5.15									V,S,P,M
04/23/98	FMETL	4.61									V,S,P,M
07/22/98	FMETL	7.12									V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

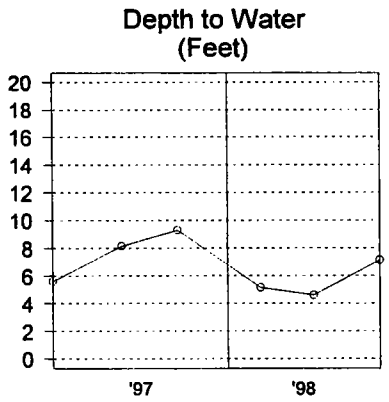
Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: MW1

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Carbon Disulfide	Benzene	Chloro benzene	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	1,2-Di chloro benzene	1,3-Di chloro benzene	1,4-Di chloro benzene	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	1	4	NLE	900	30	600	600	75	-
05/08/97	FMETL	1.3	ND	18	4	ND	ND	ND	ND	ND	V,S,P,M
08/06/97	FMETL	ND	1.36	18.56	ND	ND	ND	ND	ND	ND	V,S,P,M
10/23/97	FMETL	ND	ND	10.9	ND	3.75	ND	ND	ND	ND	V,S,P,M
02/11/98	FMETL	ND	ND	7.39	ND	29.0	17.0	ND	ND	ND	V,S,P,M
04/23/98	FMETL	ND	3.12	24.07	ND	ND	ND	ND	ND	ND	V,S,P,M
07/22/98	FMETL	ND	6.44	36.51	ND	ND	ND	1.35	1.65	4.02	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

NOTES:

Silver in blank > GW Criteria for May 97.

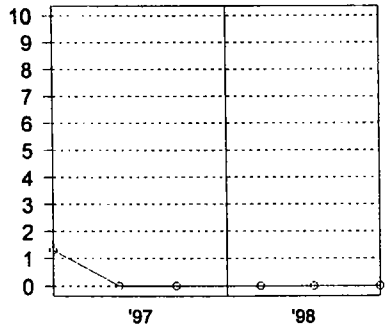
FORT MONMOUTH

GW MONITORING
Bldg M-2

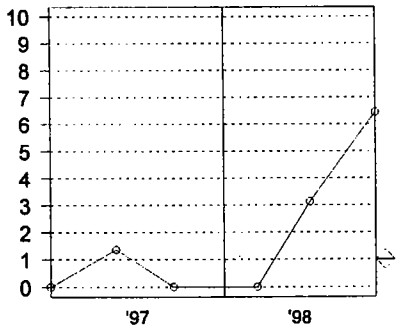
Well 1 of 1

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

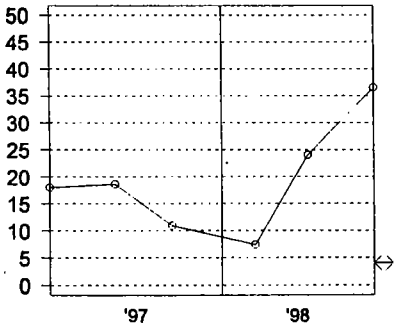
Carbon Disulfide
(ug/l)



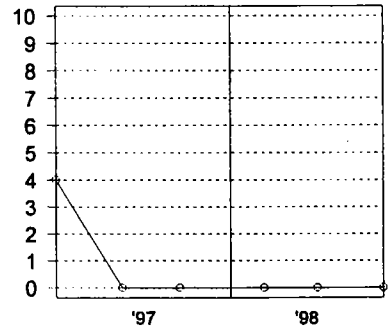
Benzene
(ug/l)



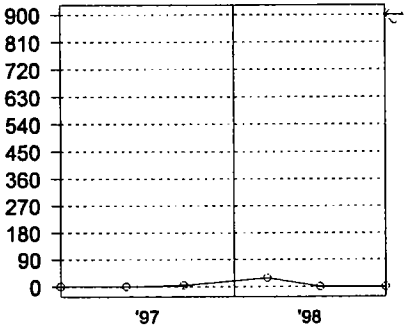
Chlorobenzene
(ug/l)



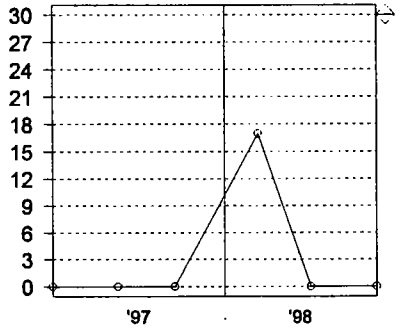
Silanol, trimethyl-
(ug/l)



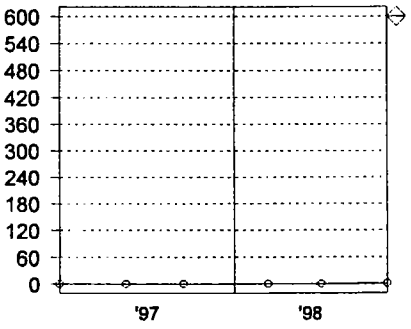
Di-n-butylphthalate
(ug/l)



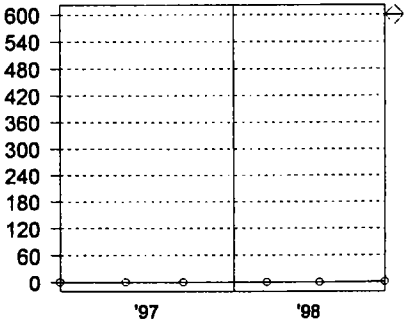
bis(2-Ethylhexyl)phthalate
(ug/l)



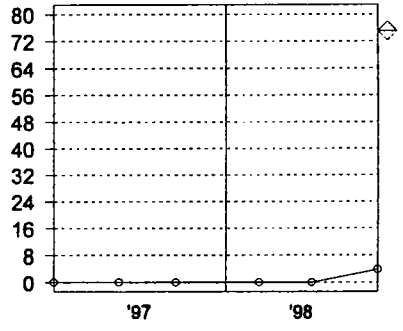
1,2-Dichlorobenzene
(ug/l)



1,3-Dichlorobenzene
(ug/l)



1,4-Dichlorobenzene
(ug/l)



SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech48\fm\m-2\gw\m2.wsf

	Lab	Aluminum	Iron	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/08/97	FMETL	49	35000	260	ND	41	-	-	-	-	V,S,P,M
08/06/97	FMETL	51.7	82680	474	ND	ND	-	-	-	-	V,S,P,M
10/23/97	FMETL	107	16200	145	7.0	ND	120	ND	62570	5470	V,S,P,M
02/11/98	FMETL	129	22500	157	ND	ND	171	ND	66770	5930	V,S,P,M
04/23/98	FMETL	108	76160	282	ND	ND	354	1.1	75020	7788	V,S,P,M
07/22/98	FMETL	44.7	26800	290	ND	ND	264	ND	88600	8540	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

NOTES:

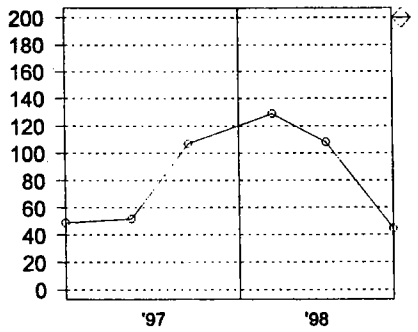
Silver in blank > GW Criteria for May 97.

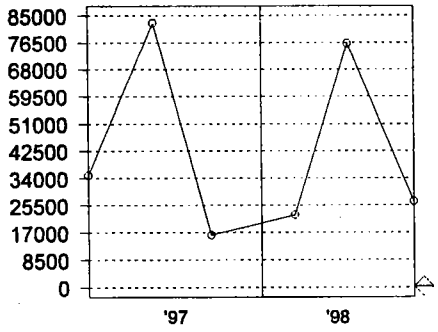
FORT MONMOUTH

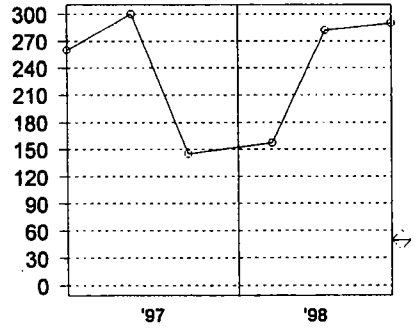
GW MONITORING
Bldg M-2

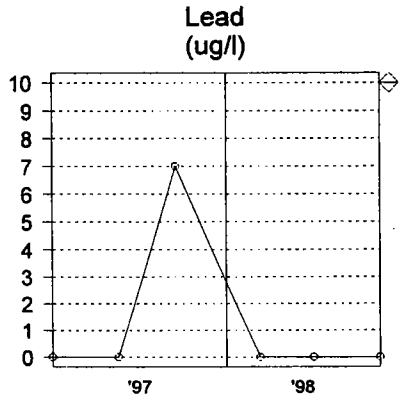
Well 2 of 4

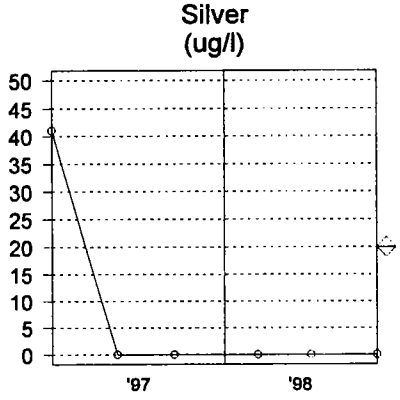
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

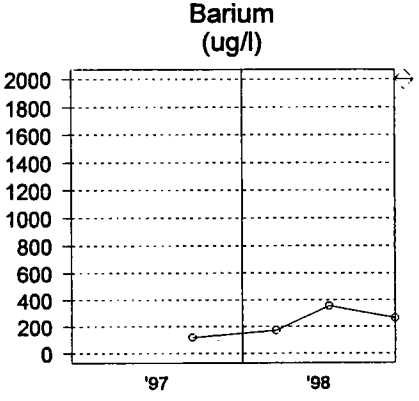


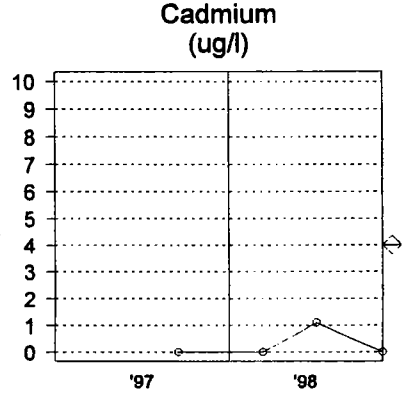


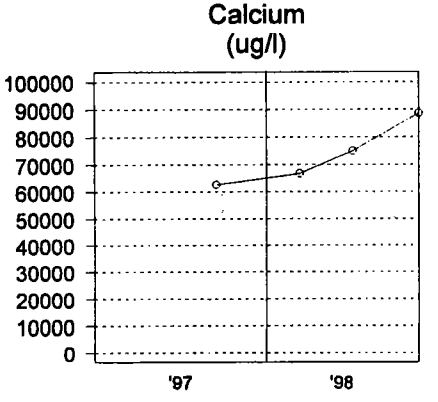


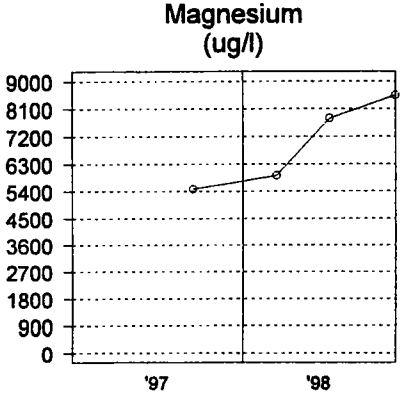












SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/08/97	FMETL	-	-	-	-	10.20					V,S,P,M
08/06/97	FMETL	-	-	-	-	10.60					V,S,P,M
10/23/97	FMETL	1.8	6930	7820	63	10.90					V,S,P,M
02/11/98	FMETL	3.9	ND	7130	38	9.80					V,S,P,M
04/23/98	FMETL	2.1	24570	11880	7.6	9.84					V,S,P,M
07/22/98	FMETL	2.06	42900	12600	32.4	10.64					V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

NOTES:

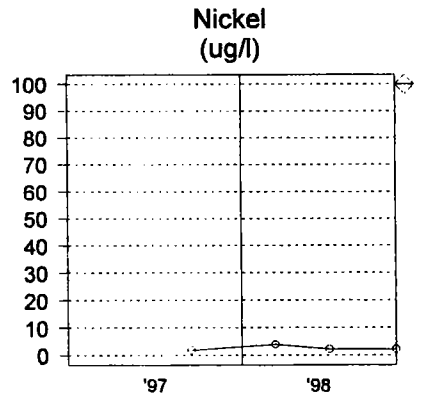
Silver in blank > GW Criteria for May 97.

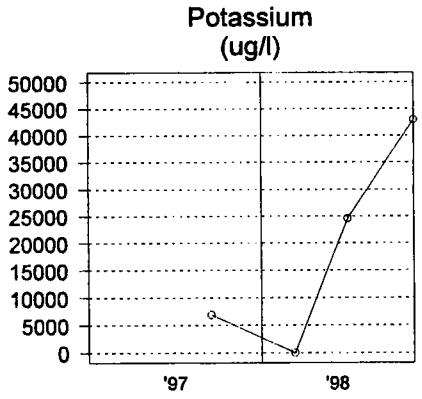
FORT MONMOUTH

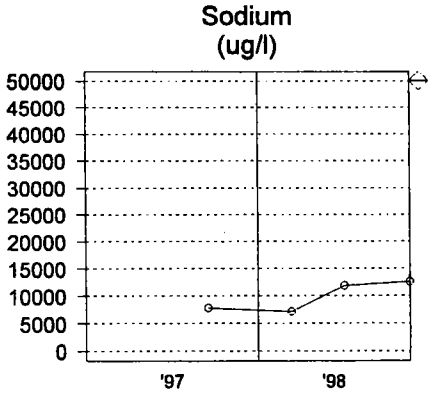
GW MONITORING
Bldg M-2

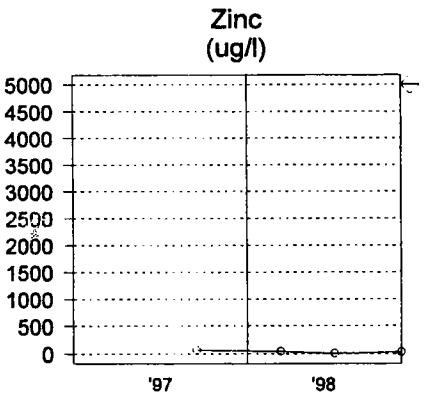
Well 2 of 4

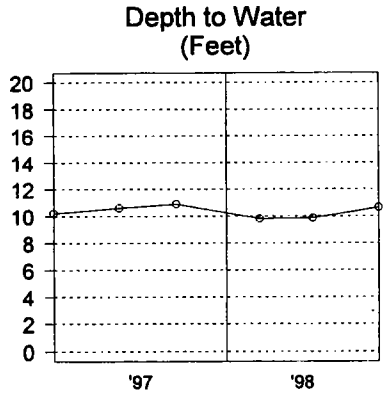
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: MW2

Sampling Dates:
05/08/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Silanol, trimethyl-	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Naphtha lene, 2-methyl-	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	NLE	900	30	NLE	NLE	200	300	-
05/02/97	FMETL	ND	4.69	26	ND	ND	ND	ND	62	12200	V,S,P,M
08/06/97	FMETL	ND	1.49	ND	2.20	ND	ND	4	26	9300	V,S,P,M
10/23/97	FMETL	1.31	17.7	ND	4.03	ND	ND	ND	145	10010	V,S,P,M
02/11/98	FMETL	3.78	78.8	ND	39.7	ND	1.76	ND	256	39970	V,S,P,M
04/23/98	FMETL	4.26	107.81	ND	ND	2.44	3.12	ND	58	69260	V,S,P,M
07/22/98	FMETL	ND	10.51	ND	ND	ND	ND	ND	28.5	14500	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

Silver in blank > GW Criteria for May 97.

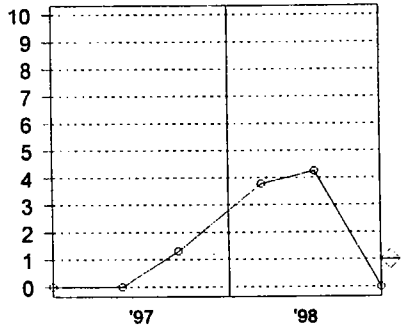
FORT MONMOUTH

GW MONITORING
Bldg M-2

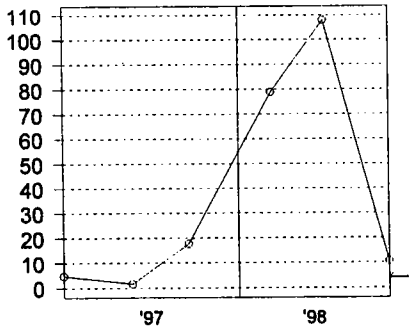
Well 3 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

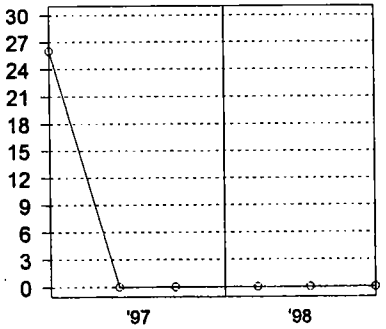
Benzene
(ug/l)



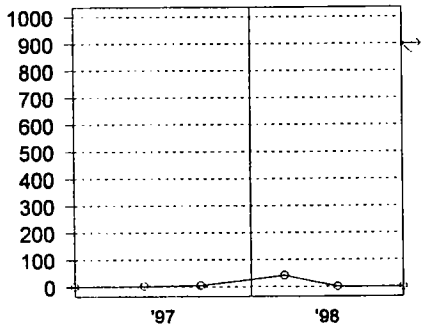
Chlorobenzene
(ug/l)



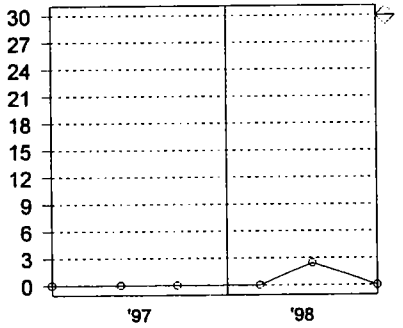
Silanol, trimethyl-
(ug/l)



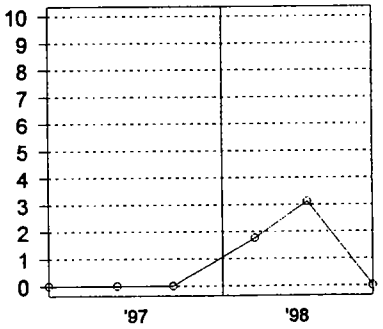
Di-n-butylphthalate
(ug/l)



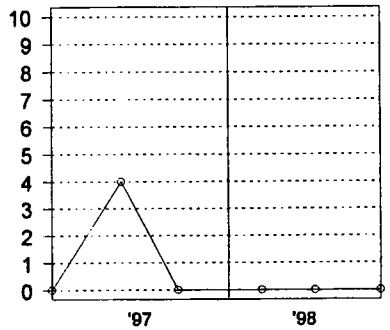
bis(2-Ethylhexyl)phthalate
(ug/l)



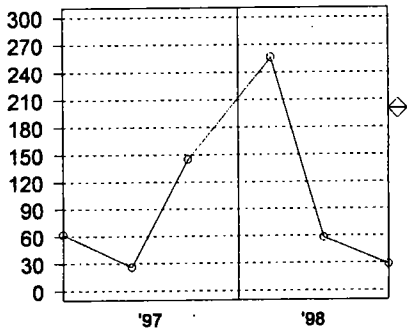
Naphthalene
(ug/l)



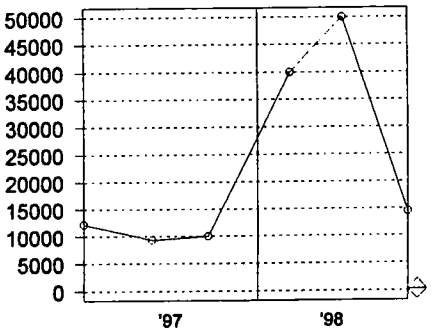
Naphthalene, 2-methyl
(ug/l)



Aluminum
(ug/l)



Iron
(ug/l)



SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Manganese	Lead	Silver	Barium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	NLE	NLE	100	NLE	50000	-
05/02/97	FMETL	500	ND	36	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	511	ND	917	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	427	13	ND	47.4	64240	4780	1.7	9120	10300	V,S,P,M
02/11/98	FMETL	513	ND	ND	317	154300	11200	6	18580	18180	V,S,P,M
04/23/98	FMETL	516	2.8	ND	566	145200	9303	ND	17930	11200	V,S,P,M
07/22/98	FMETL	395	ND	ND	86.4	72700	5010	0.566	11900	11600	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

Silver in blank > GW Criteria for May 97.

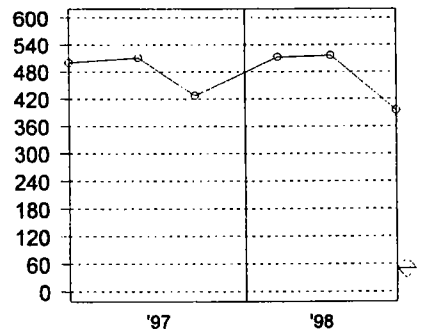
Page 2 of 3.

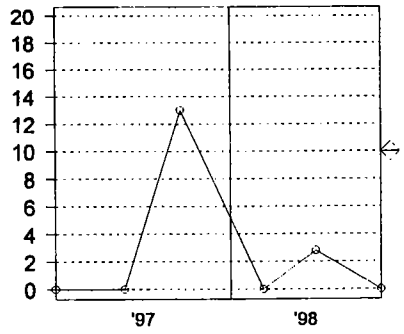
FORT MONMOUTH

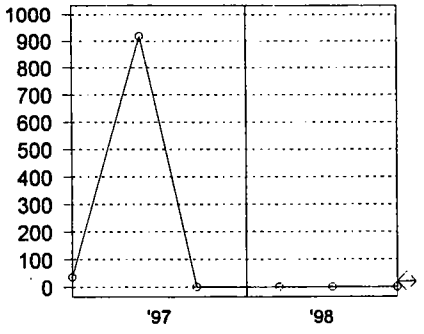
GW MONITORING
Bldg M-2

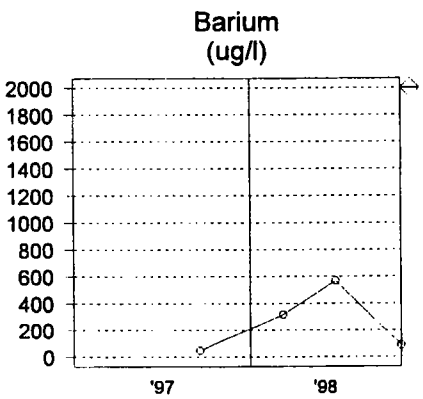
Well 3 of 4

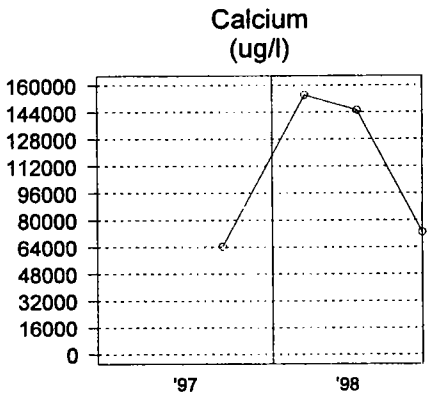
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

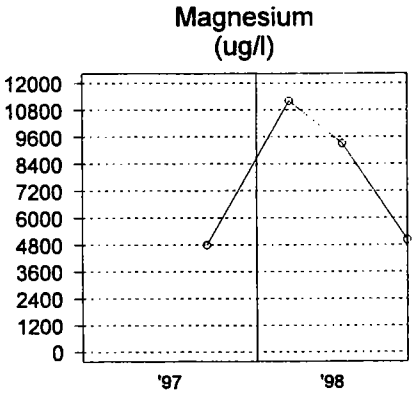


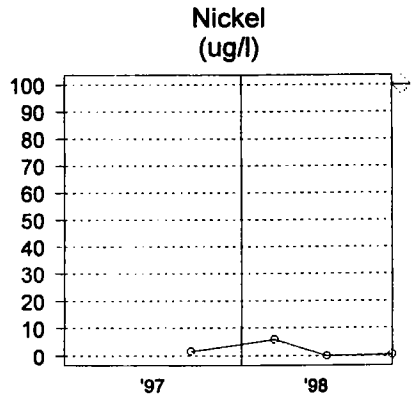


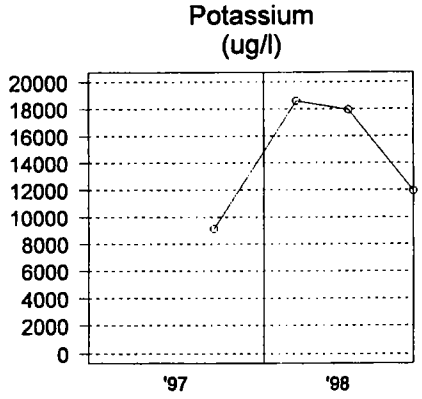


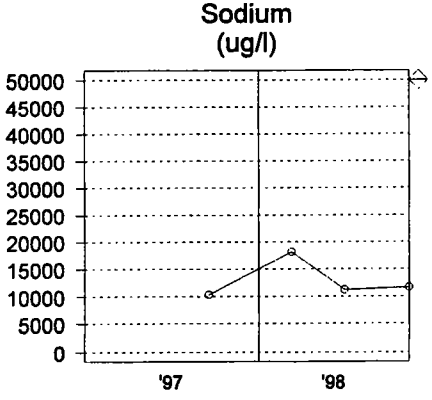












SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/02/97	FMETL	-	7.80								V,S,P,M
08/06/97	FMETL	-	8.20								V,S,P,M
10/23/97	FMETL	71	8.60								V,S,P,M
02/11/98	FMETL	48	7.40								V,S,P,M
04/23/98	FMETL	ND	7.83								V,S,P,M
07/22/98	FMETL	31.1	6.67								V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

NOTES:

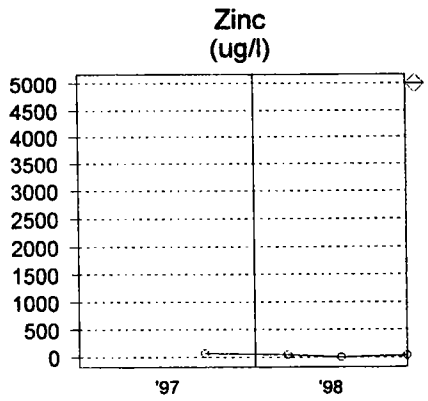
Silver in blank > GW Criteria for May 97.

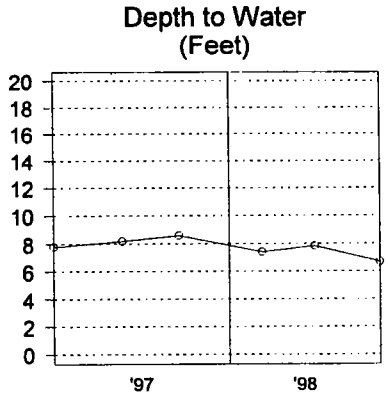
FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: MW3

Sampling Dates:
05/02/97 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Chloro benzene	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Barium	Magnesium	Calcium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	900	200	300	50	2000	NLE	NLE	100	-
02/11/98	FMETL	2.41	28.9	514	30140	534	177	6840	5250	4.5	V,S,P,M
04/27/98	FMETL	ND	ND	ND	17800	757	111	5041	33070	3.5	V,S,P,M
07/22/98	FMETL	1.29	ND	302	26300	3780	131	3780	33700	1.81	V,S,P,M

SOURCE: MW4

Sampling Dates:
02/11/98 - 07/22/98

NOTES:

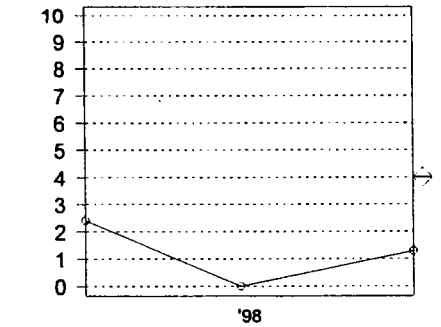
Silver in blank > GW Criteria for May 97.

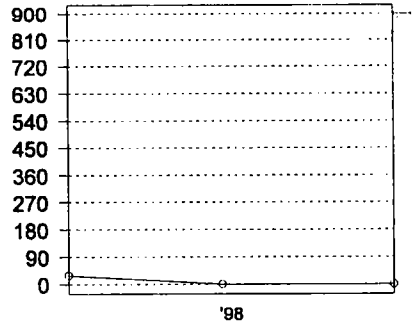
FORT MONMOUTH

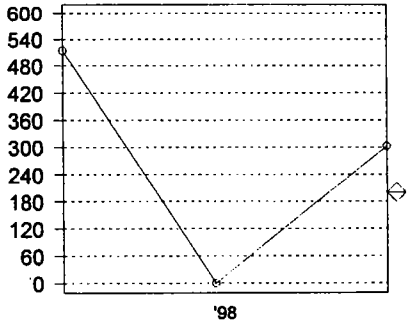
GW MONITORING
Bldg M-2

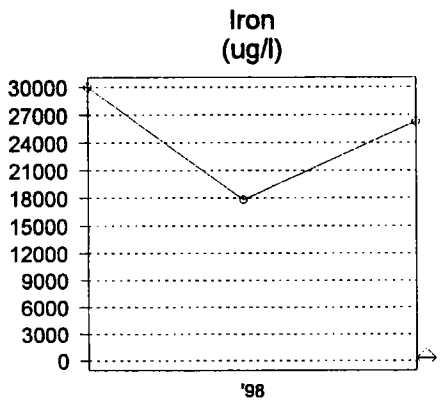
Well 4 of 4

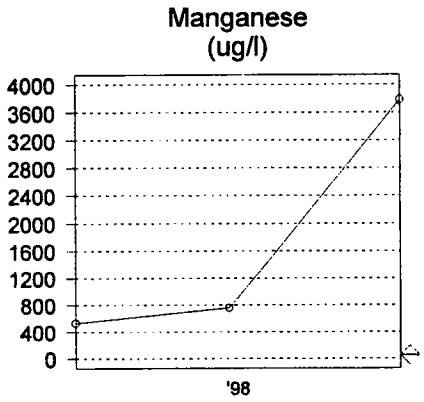
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

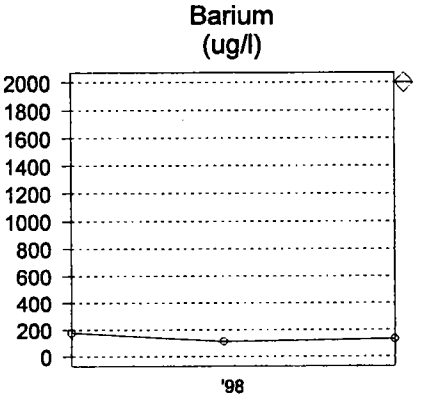


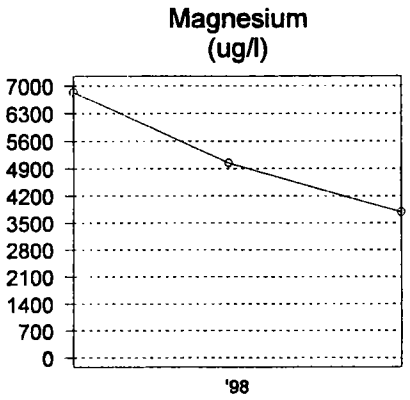


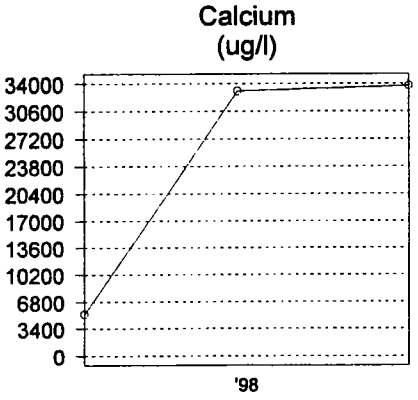


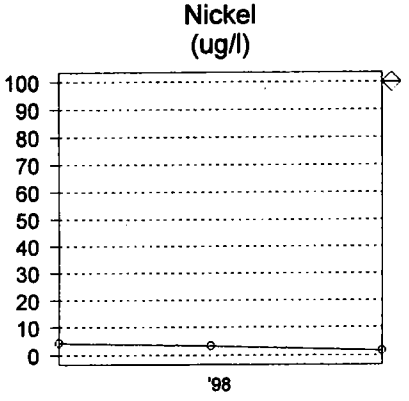












SOURCE: MW4

Sampling Dates:
02/11/98 - 07/22/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
02/11/98	FMETL	7700	7540	39	8.80						V,S,P,M
04/27/98	FMETL	7929	8592	38.9	8.49						V,S,P,M
07/22/98	FMETL	7670	8500	41.6	9.42						V,S,P,M

SOURCE: MW4

Sampling Dates:
02/11/98 - 07/22/98

NOTES:

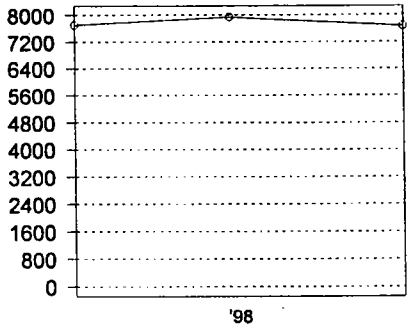
Silver in blank > GW Criteria for May 97.

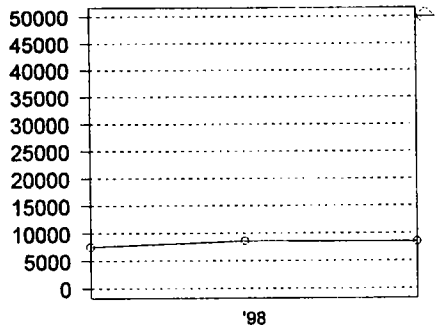
FORT MONMOUTH

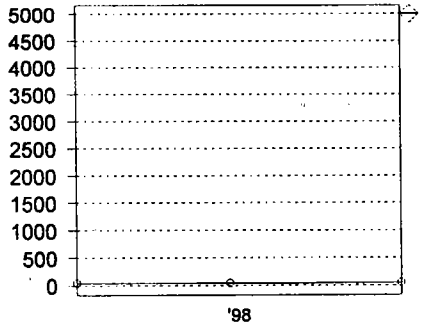
GW MONITORING
Bldg M-2

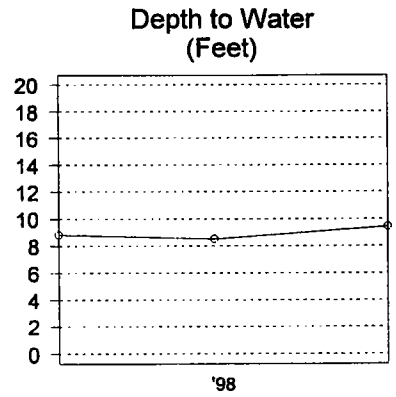
Well 4 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: MW4

Sampling Dates:
02/11/98 - 07/22/98

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

11-02-1998 c:\mtech46\fm\m-2\gw\m2.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring
New Wells/Round I

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
3983.03	00M2MW05	29-39185	10/19/98
3983.04	00M2MW06	29-39184	10/19/98
3983.05	00M2MW07	29-39183	10/19/98
3983.06	00M2MW08	29-39182	10/19/98
3983.07	00M2MW09	29-39181	10/19/98
3983.08	00M2MW10	29-39180	10/19/98

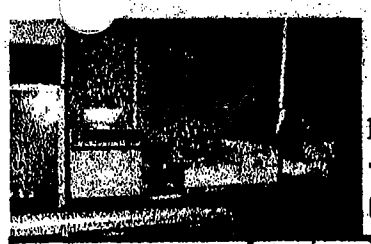
NJDEP Laboratory Certification # 13461

3-17-99
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: New wells Island M-2/M-3

Samplers Name / Company: Cory McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	BNA+25	Pest/PCB	TAL Metals				Hnu Read	Comments: Remarks / Preservation Method
3983 .01	Trip	10/14/98	0735	AQ	2	✓								HCl/HNO3/4°C
.02	Field Blank		0815		5	✓	✓	✓	✓					
.03	MW #16 M-2		0838		5	✓	✓	✓	✓				✓	0.0 ppm
.04	MW #17 M-2		0935		5	✓	✓	✓	✓				✓	1.8 ppm
.05	MW #18 M-2		1027		5	✓	✓	✓	✓				✓	13.2 ppm
.06	MW #19 M-2		1123		5	✓	✓	✓	✓				✓	1.1 ppm
.07	MW #20 M-2		1217		5	✓	✓	✓	✓				✓	0.3 ppm
.08	MW #21 M-2		1322		5	✓	✓	✓	✓				✓	0.9 ppm
.09	Dupe		—		5	✓	✓	✓	✓					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Cory McCormack	10/14/98 1510	J. Appleby			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:

print legibly

coc.XLS10/5/98

CASE NARRATIVE

Site: M-2
Lab ID: 3983

The duplicate analysis was performed on 00M2MW10 (Lab ID 3983.08).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **VB01773.D**
Operator **Skelton**
Date Acquired **21 Oct 98 12:14 pm**

Sample Name **VBLK56**
Field ID **VBLK56**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: VBLK56

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: VBLK56

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01773.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam vb01787.d
Operator Skelton
Date Acquired 21 Oct 98 11:37 pm

Sample Name 3983.01
Field ID Trip Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01787.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01788.d**
Operator **Skelton**
Date Acquired **22 Oct 98 12:22 am**

Sample Name **3983.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.71	75496	5.16 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01788.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01789.D	Sample Name	3983.03
Operator	Skelton	Field ID	00M2MW05
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.71	133210	9.29 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 3983 SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01789.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. _____ Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01790.D	Sample Name	3983.04
Operator	Skelton	Field ID	00M2MW06
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.72	128231	8.86 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.72	186420	1.36 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW06

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01790.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01791.D	Sample Name	3983.05
Operator	Skelton	Field ID	00M2MW07
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.72	159776	11.29 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW07

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01791.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.31	21	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01792.D	Sample Name	3983.06
Operator	Skelton	Field ID	00M2MW08
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.51	226795	17.89 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.69	1230752	86.82 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.04	1342037	7.46 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 3983 SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01792.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. _____ Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.30	33	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01793.D	Sample Name	3983.07
Operator	Skelton	Field ID	00M2MW09
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.49	79387	6.30 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.72	77075	5.47 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	34728876	191.25 ug/L	1	0.23 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01793.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01799.D	Sample Name	3983.07
Operator	Skelton	Field ID	00M2MW09
Date Acquired	22-Oct-98	Sample Multiplier	10

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	18.50 ug/L	
107131	Acrylonitrile			not detected	50	27.80 ug/L	
75650	tert-Butyl alcohol			not detected	nle	85.20 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	1.60 ug/L	
108203	Di-isopropyl ether			not detected	nle	2.50 ug/L	
	Dichlorodifluoromethane			not detected	nle	16.80 ug/L	
74-87-3	Chloromethane			not detected	30	11.60 ug/L	
75-01-4	Vinyl Chloride			not detected	5	10.60 ug/L	
74-83-9	Bromomethane			not detected	10	11.00 ug/L	
75-00-3	Chloroethane			not detected	nle	10.10 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	5.00 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	2.40 ug/L	
67-64-1	Acetone			not detected	700	13.60 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	4.60 ug/L	
75-09-2	Methylene Chloride			not detected	2	2.40 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	1.60 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	1.20 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	7.80 ug/L	
78-93-3	2-Butanone			not detected	300	6.20 ug/L	
	cis-1,2-Dichloroethene			not detected	10	1.70 ug/L	
67-66-3	Chloroform			not detected	6	3.00 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	2.30 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	4.70 ug/L	
71-43-2	Benzene	20.04	9303942	538.24 ug/L	1	2.30 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	1.80 ug/L	
79-01-6	Trichloroethene			not detected	1	2.30 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	4.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	5.50 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	6.50 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	6.90 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	5.90 ug/L	
108-88-3	Toluene			not detected	1000	3.70 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	8.70 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	4.80 ug/L	
127-18-4	Tetrachloroethene			not detected	1	3.20 ug/L	
591-78-6	2-Hexanone			not detected	nle	7.10 ug/L	
126-48-1	Dibromochloromethane			not detected	10	8.60 ug/L	
108-90-7	Chlorobenzene			not detected	4	3.90 ug/L	
100-41-4	Ethylbenzene			not detected	700	6.50 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	11.40 ug/L	
1330-20-7	o-Xylene			not detected	nle	6.20 ug/L	
100-42-5	Styrene			not detected	100	5.60 ug/L	
75-25-2	Bromoform			not detected	4	7.00 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	4.70 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	5.50 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	5.70 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	6.40 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01794.D	Sample Name	3983.08
Operator	Skelton	Field ID	00M2MW10
Date Acquired	22-Oct-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.48	114010	9.04 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.71	140019	9.93 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 3983 SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01794.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.32	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam vb01795.d
Operator Skelton
Date Acquired 22 Oct 98 5:37 am

Sample Name 3983.09
Field ID Dupe
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.50	74400	6.01 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.72	73735	5.33 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 3983 SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 3983.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01795.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: not dec. _____ Date Analyzed: 10/22/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name bna00995.d
Operator Skelton
Date Acquired 27 Oct 1998 9:37 pm

Sample Name Sblk147
Misc Info Sblk147 A 981022
Sample Multiplier 1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bna00995.d	Sample Name	Sblk147
Operator	Skelton	Misc Info	Sblk147 A 981022
Date Acquired	27 Oct 1998 9:37 pm	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK147

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk147

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA00995.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/27/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bna01036.d**	Sample Name	**3983.02**
Operator	**Skelton**	Misc Info	**Field Blank**
Date Acquired	**30 Oct 1998 1:54 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)[a]	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bna01036.d	Sample Name	3983.02
Operator	Skelton	Misc Info	Field Blank
Date Acquired	30 Oct 1998 1:54 am	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Blank

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01036.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01037.D**	Sample Name	**3983.03**
Operator	**Skelton**	Misc Info	**00M2MW05**
Date Acquired	**30 Oct 1998 2:36 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01037.D**	Sample Name	**3983.03**
Operator	**Skelton**	Misc Info	**00M2MW05**
Date Acquired	**30 Oct 1998 2:36 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW05

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01037.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01038.D**	Sample Name	**3983.04**
Operator	**Skelton**	Misc Info	**00M2MW06**
Date Acquired	**30 Oct 1998 3:19 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA01038.D	Sample Name	3983.04
Operator	Skelton	Misc Info	00M2MW06
Date Acquired	30 Oct 1998 3:19 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW06

Lab Name: FMETL NJDEP: 13461

Project: _____ Case No.: 3983 Location: M2/M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3983.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01038.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA01039.D	Sample Name	3983.05
Operator	Skelton	Misc Info	00M2MW07
Date Acquired	30 Oct 1998 4:01 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01039.D**	Sample Name	**3983.05**
Operator	**Skelton**	Misc Info	**00M2MW07**
Date Acquired	**30 Oct 1998 4:01 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW07

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01039.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01040.D**	Sample Name	**3983.06**
Operator	**Skelton**	Misc Info	**00M2MW08**
Date Acquired	**30 Oct 1998 4:43 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA01040.D**	Sample Name	**3983.06**
Operator	**Skelton**	Misc Info	**00M2MW08**
Date Acquired	**30 Oct 1998 4:43 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01040.D**	Sample Name	**3983.06**
Operator	**Skelton**	Misc Info	**00M2MW08**
Date Acquired	**30 Oct 1998 4:43 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chloronhenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW08

Lab Name: FMETL NJDEP: 13461

Project: _____ Case No.: 3983 Location: M2/M3 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 3983.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01040.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01041.D**	Sample Name	**3983.07**
Operator	**Skelton**	Misc Info	**00M2MW09**
Date Acquired	**30 Oct 1998 5:25 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA01041.D**	Sample Name	**3983.07**
Operator	**Skelton**	Misc Info	**00M2MW09**
Date Acquired	**30 Oct 1998 5:25 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW09

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.07

Sample wt/vol: 950 (g/ml) ML Lab File ID: BNA01041.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01042.D**	Sample Name	**3983.08**
Operator	**Skelton**	Misc Info	**00M2MW10**
Date Acquired	**30 Oct 1998 6:07 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01042.D**	Sample Name	**3983.08**
Operator	**Skelton**	Misc Info	**00M2MW10**
Date Acquired	**30 Oct 1998 6:07 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

00M2MW10

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01042.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bna01043.d	Sample Name	3983.09
Operator	Skelton	Misc Info	Dupe
Date Acquired	30 Oct 1998 6:49 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bna01043.d	Sample Name	3983.09
Operator	Skelton	Misc Info	Dupe
Date Acquired	30 Oct 1998 6:49 am	Sample Multiplier	1

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Dupe

Lab Name: FMETL NJDEP: 13461

Project: Case No.: 3983 Location: M2/M3 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 3983.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01043.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: decanted: (Y/N) N Date Extracted: 10/22/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK217
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	0.865
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**0.700**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**3.850**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3983.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/21/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/3/98
Analysis:	EPA Method 608	**Location :**	M-2/M-3
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983
Sample Prepared: 11/03/98

Site: M-2/M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/04/98	73.9	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	3.02	2000	0.5
Beryllium	11/04/98	0.508	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	140	NLE	20.0
Chromium	11/04/98	ND	100	0.5
Cobalt	11/04/98	ND	NLE	0.5
Copper	11/04/98	23.7	1000	3.0
Iron	11/04/98	62.3	300	10.0
Lead	11/04/98	ND	10	2.0
Magnesium	11/04/98	51.1	NLE	20.0
Manganese	11/04/98	ND	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	2.84	100	0.5
Potassium	11/04/98	ND	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	78.6	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	ND	NLE	1.0
Zinc	11/04/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.02
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2/M-3
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	37.2	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	1.35	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	135	NLE	20.0
Chromium	11/04/98	ND	100	0.5
Cobalt	11/04/98	ND	NLE	0.5
Copper	11/04/98	17.0	1000	3.0
Iron	11/04/98	65.5	300	10.0
Lead	11/04/98	ND	10	2.0
Magnesium	11/04/98	ND	NLE	20.0
Manganese	11/04/98	ND	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	1.15	100	0.5
Potassium	11/04/98	34.9	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	197	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	ND	NLE	1.0
Zinc	11/04/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.03
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	1080	200	10.0
Antimony	11/04/98	4.37	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	35.8	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	14300	NLE	20.0
Chromium	11/04/98	15.1	100	0.5
Cobalt	11/04/98	1.29	NLE	0.5
Copper	11/04/98	21.6	1000	3.0
Iron	11/04/98	15800	300	10.0
Lead	11/04/98	4.09	10	2.0
Magnesium	11/04/98	2660	NLE	20.0
Manganese	11/04/98	34.2	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	6.31	100	0.5
Potassium	11/04/98	6550	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	5070	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	5.71	NLE	1.0
Zinc	11/04/98	16.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.04
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	1240	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	102	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	48700	NLE	20.0
Chromium	11/04/98	13.1	100	0.5
Cobalt	11/04/98	0.854	NLE	0.5
Copper	11/04/98	16.3	1000	3.0
Iron	11/04/98	16500	300	10.0
Lead	11/04/98	22.4	10	2.0
Magnesium	11/04/98	4970	NLE	20.0
Manganese	11/04/98	72.5	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	3.62	100	0.5
Potassium	11/04/98	7660	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	6970	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	6.97	NLE	1.0
Zinc	11/04/98	83.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.05
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	1480	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	96.6	2000	0.5
Beryllium	11/04/98	0.811	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	51700	NLE	20.0
Chromium	11/04/98	16.1	100	0.5
Cobalt	11/04/98	3.18	NLE	0.5
Copper	11/04/98	8.25	1000	3.0
Iron	11/04/98	14800	300	10.0
Lead	11/04/98	13.0	10	2.0
Magnesium	11/04/98	6010	NLE	20.0
Manganese	11/04/98	94.8	50	0.5
Mercury	10/20/98	0.1	2	0.1
Nickel	11/04/98	8.01	100	0.5
Potassium	11/04/98	7310	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	13500	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	12.9	NLE	1.0
Zinc	11/04/98	93.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.06
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	1490	200	10.0
Antimony	11/04/98	2.78	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	72.6	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	40000	NLE	20.0
Chromium	11/04/98	54.8	100	0.5
Cobalt	11/04/98	1.72	NLE	0.5
Copper	11/04/98	ND	1000	3.0
Iron	11/04/98	18400	300	10.0
Lead	11/04/98	11.0	10	2.0
Magnesium	11/04/98	5200	NLE	20.0
Manganese	11/04/98	55.1	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	5.21	100	0.5
Potassium	11/04/98	9010	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	7560	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	24.0	NLE	1.0
Zinc	11/04/98	32.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.07
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	455	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	87.0	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	68200	NLE	20.0
Chromium	11/04/98	7.97	100	0.5
Cobalt	11/04/98	ND	NLE	0.5
Copper	11/04/98	ND	1000	3.0
Iron	11/04/98	10400	300	10.0
Lead	11/04/98	7.00	10	2.0
Magnesium	11/04/98	5650	NLE	20.0
Manganese	11/04/98	1920	50	0.5
Mercury	10/20/98	0.3	2	0.1
Nickel	11/04/98	1.10	100	0.5
Potassium	11/04/98	8290	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	7600	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	3.29	NLE	1.0
Zinc	11/04/98	105	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.08
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	486	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	23.1	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	24600	NLE	20.0
Chromium	11/04/98	5.72	100	0.5
Cobalt	11/04/98	0.680	NLE	0.5
Copper	11/04/98	ND	1000	3.0
Iron	11/04/98	4280	300	10.0
Lead	11/04/98	2.94	10	2.0
Magnesium	11/04/98	1750	NLE	20.0
Manganese	11/04/98	22.5	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	1.26	100	0.5
Potassium	11/04/98	3290	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	3870	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	3.25	NLE	1.0
Zinc	11/04/98	20.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3983.09
Sample Received: 10/19/98
Sample Matrix: Aqueous

Site: M-2/M-3
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	GW Criteria (ug/L)	MDL (ug/L)
Aluminum	11/04/98	547	200	10.0
Antimony	11/04/98	ND	20	2.0
Arsenic	11/04/98	ND	8	2.0
Barium	11/04/98	17.6	2000	0.5
Beryllium	11/04/98	ND	20	0.5
Cadmium	11/04/98	ND	4	0.5
Calcium	11/04/98	19600	NLE	20.0
Chromium	11/04/98	6.76	100	0.5
Cobalt	11/04/98	0.676	NLE	0.5
Copper	11/04/98	ND	1000	3.0
Iron	11/04/98	3770	300	10.0
Lead	11/04/98	ND	10	2.0
Magnesium	11/04/98	1460	NLE	20.0
Manganese	11/04/98	16.6	50	0.5
Mercury	10/20/98	ND	2	0.1
Nickel	11/04/98	2.00	100	0.5
Potassium	11/04/98	2880	NLE	20.0
Selenium	11/04/98	ND	50	3.0
Silver	11/04/98	ND	20	3.0
Sodium	11/04/98	3040	50000	20.0
Thallium	11/04/98	ND	10	3.0
Vanadium	11/04/98	3.30	NLE	1.0
Zinc	11/04/98	16.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

	Lab	Acetone	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	NLE	NLE	-
10/19/98	FMETL	ND	9.29	1080	15800	34.2	4.09	35.8	14300	2660	V,S,P,M
11/02/98	FMETL	5.49	3.19	4860	29900	45.5	15.3	65.4	15200	4270	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
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GW MONITORING
Bldg M-2

Well 9 of 14

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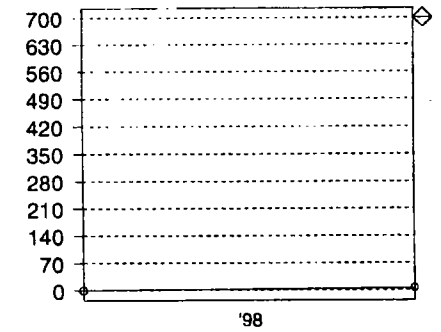

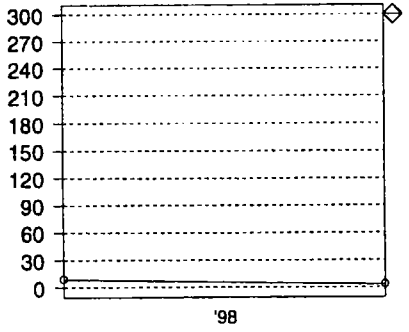

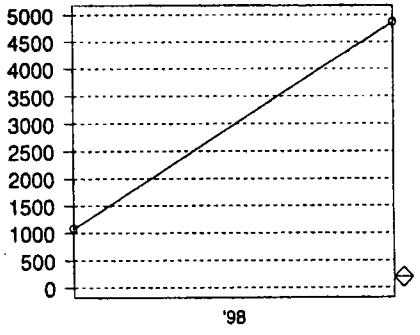

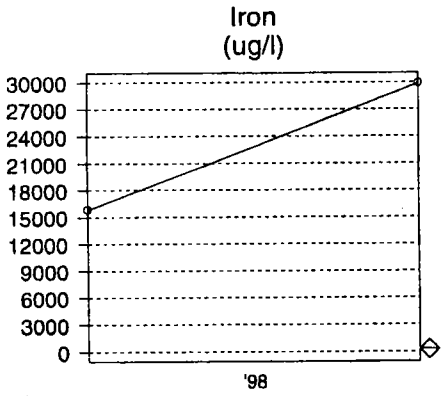

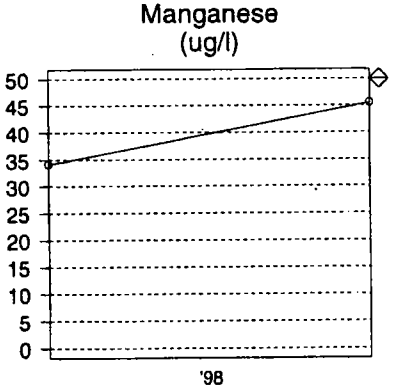

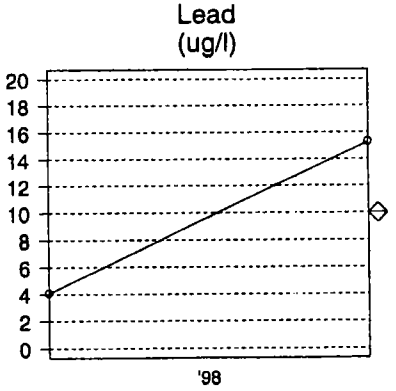

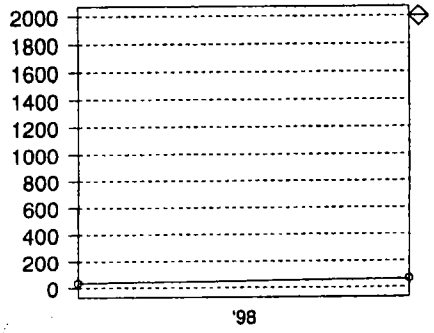

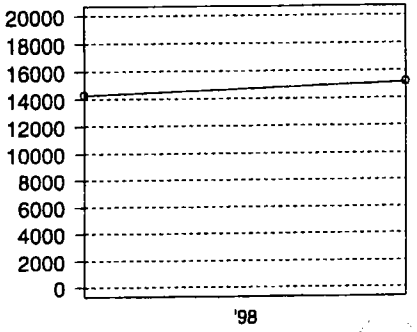

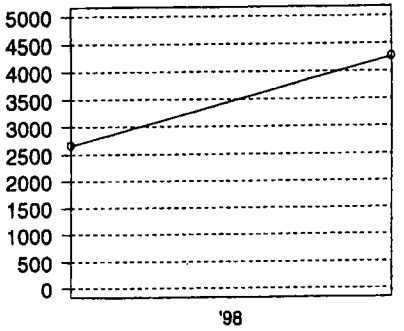

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

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FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m i2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	6.31	6550	5070	16.4	6.84					V,S,P,M
11/02/98	FMETL	13.7	10200	4830	53.5	6.84					V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14

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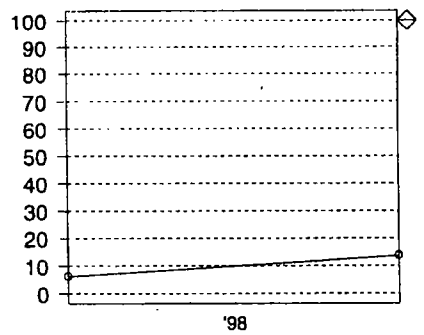

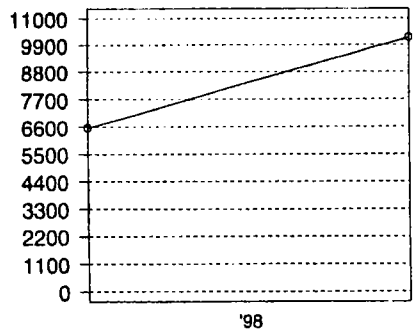

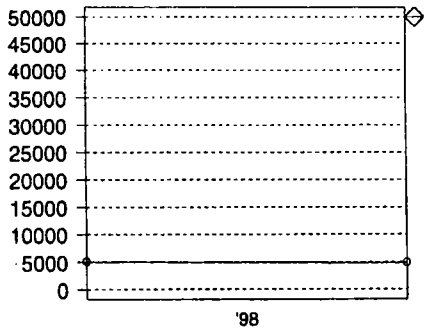

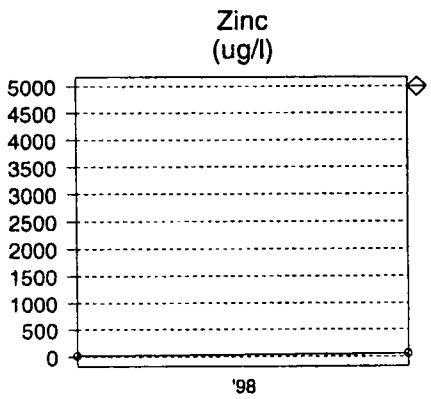

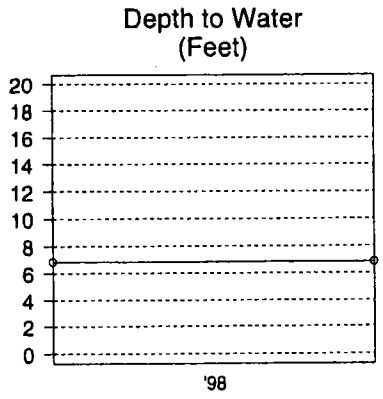

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\r 2.wsf

	Lab	Acetone	Chloro benzene	2-But anone	Arochlor 1016	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	0.50	200	300	50	10	2000	-
10/19/98	FMETL	ND	1.36	8.86	0.865	1240	16500	72.5	22.4	102	V,S,P,M
11/02/98	FMETL	7.45	ND	4.65	2.26	10300	43500	92.7	90.5	175	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14

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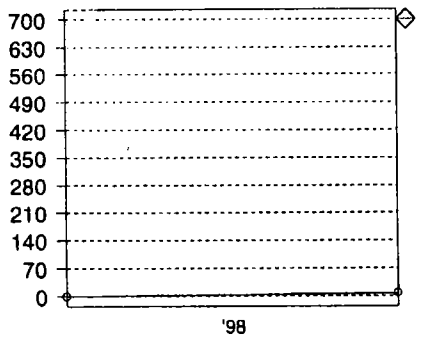
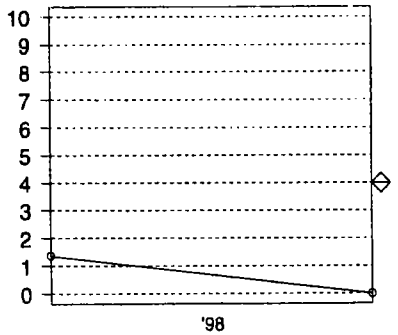
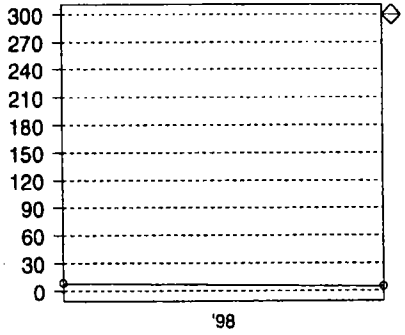
Acetone
(ug/l)



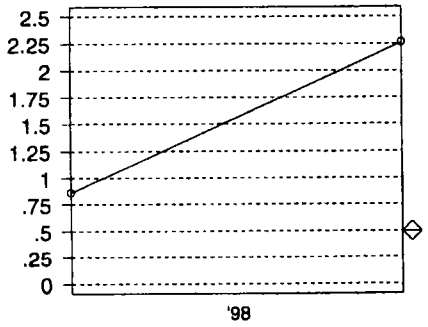
Chlorobenzene
(ug/l)



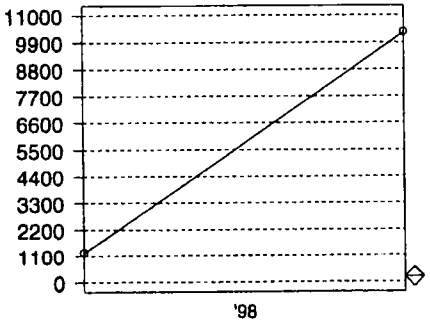
2-Butanone
(ug/l)



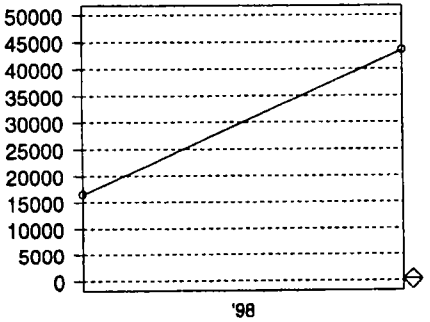
Arochlor 1016
(ug/l)



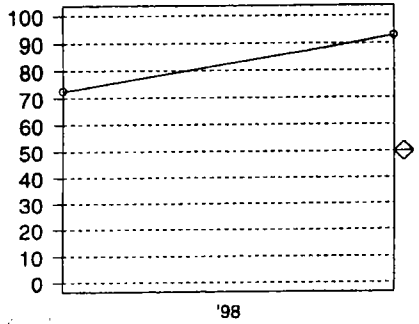
Aluminum
(ug/l)



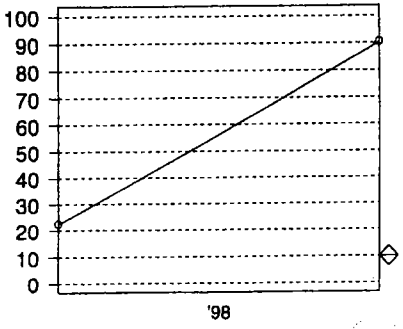
Iron
(ug/l)



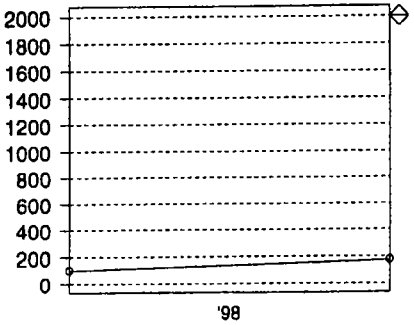
Manganese
(ug/l)



Lead
(ug/l)



Barium
(ug/l)



SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2 wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	48700	4970	3.62	7660	6970	83.5	9.12			V,S,P,M
11/02/98	FMETL	49100	8030	18.9	15100	8090	392	9.12			V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14

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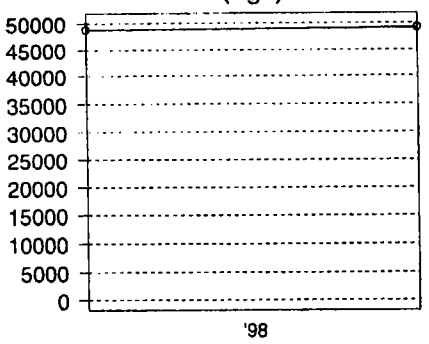
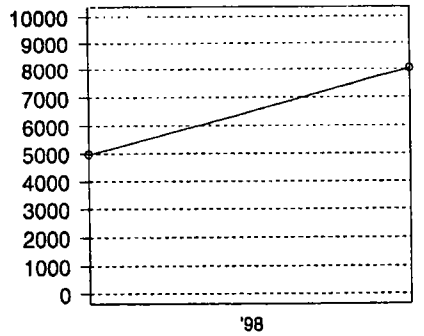
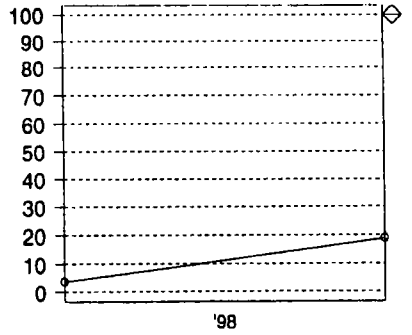
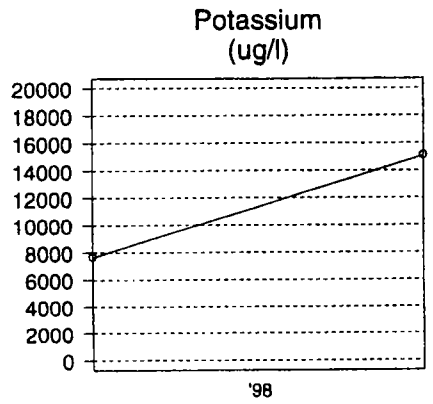
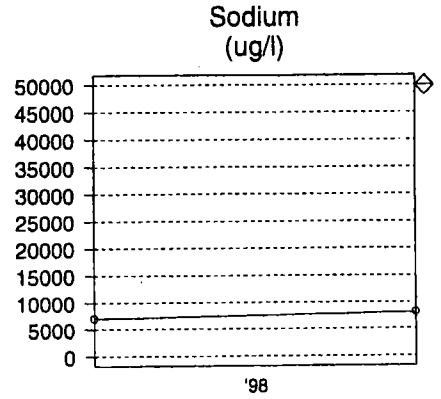
FORT MONMOUTH
SELFM-PW-EV

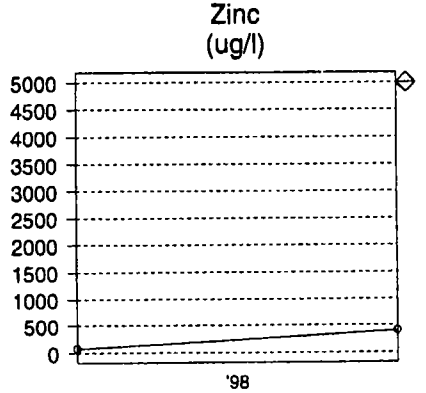


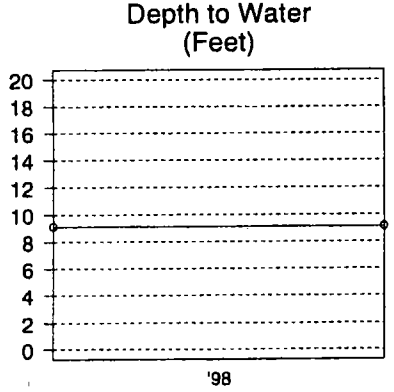












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

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FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m- .wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	ND	11.29	1480	14800	94.8	13	96.6	ND	51700	V,S,P,M
11/02/98	FMETL	6.63	5.45	3870	23800	82.2	16.4	107	2.36	51000	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

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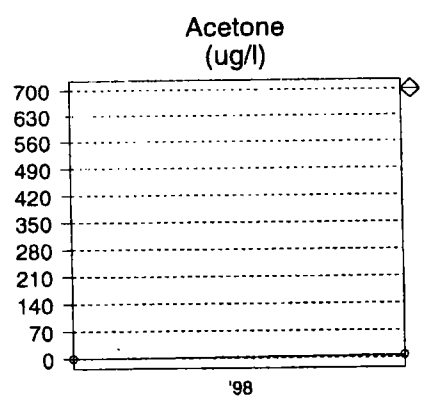
Well installed 9/98.

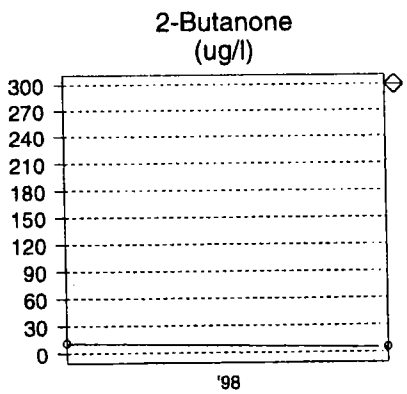
FORT MONMOUTH

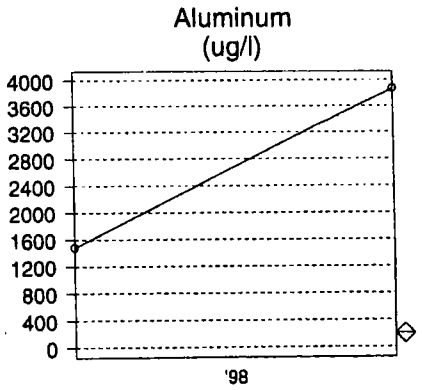
GW MONITORING
Bldg M-2

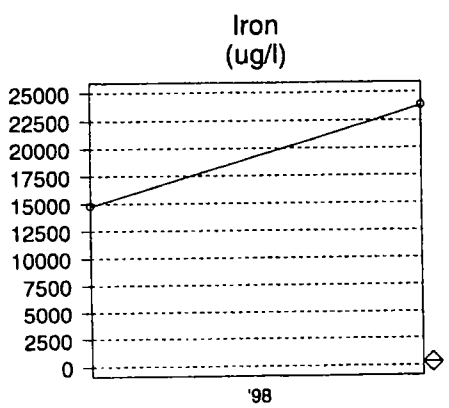
Well 11 of 14

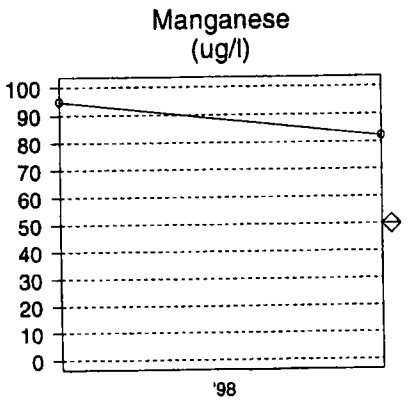
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

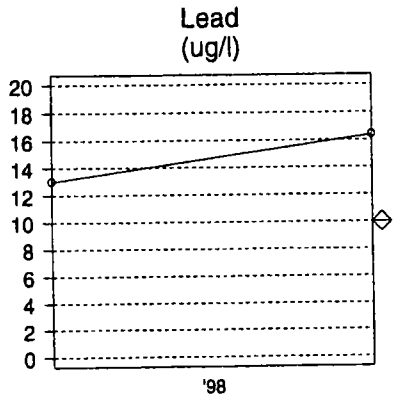


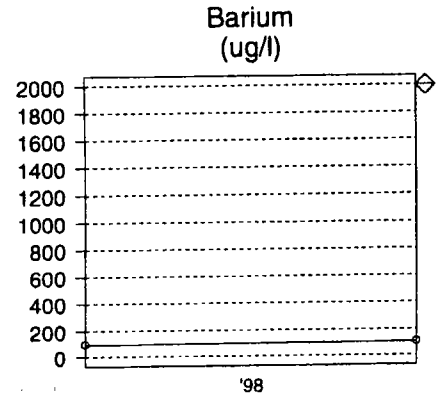


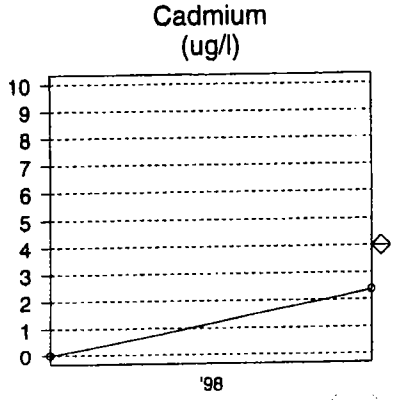


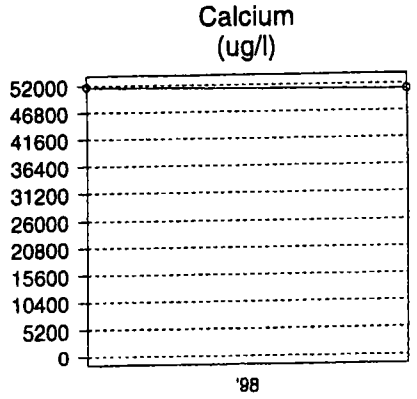












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m 2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	6010	8.01	7310	13500	93.8	7.61				V,S,P,M
11/02/98	FMETL	6450	12	8570	8650	144	7.61				V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

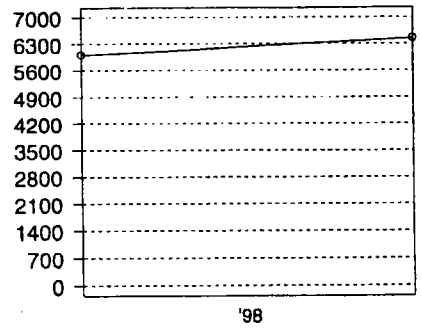
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

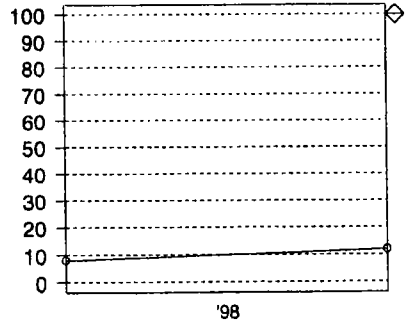
FORT MONMOUTH

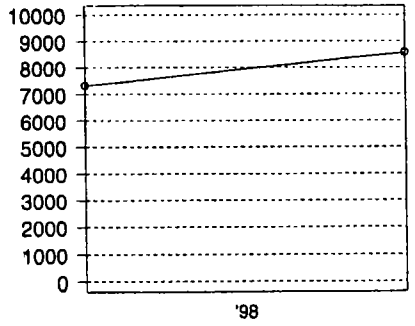
GW MONITORING
Bldg M-2

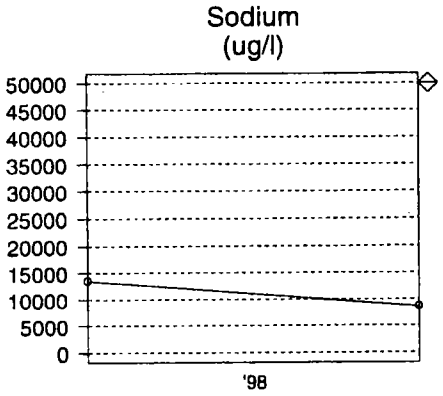
Well 11 of 14

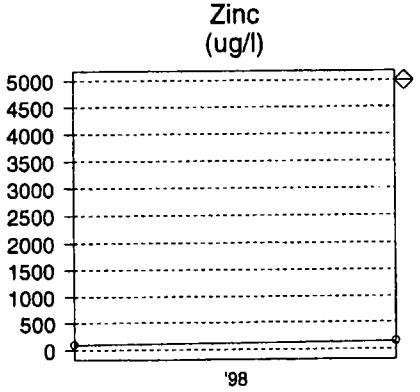
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

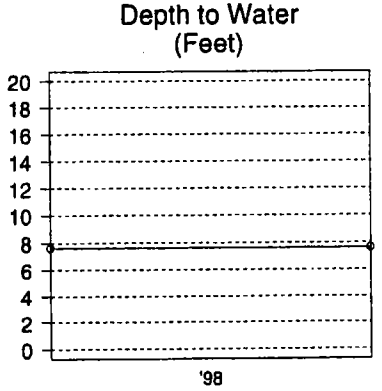












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Benzene	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	200	300	50	10	2000	NLE	-
10/19/98	FMETL	17.89	7.46	86.82	1490	18400	55.1	11	72.6	40000	V,S,P,M
11/02/98	FMETL	11.27	5.88	28.18	8250	46100	69.9	45	87.2	42700	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
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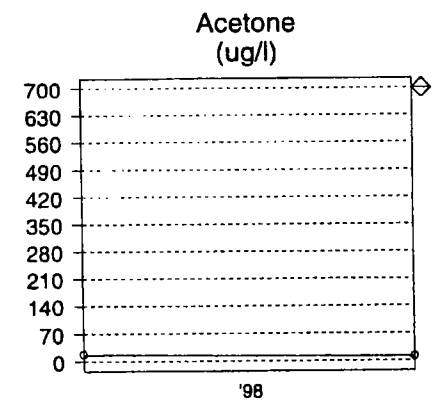
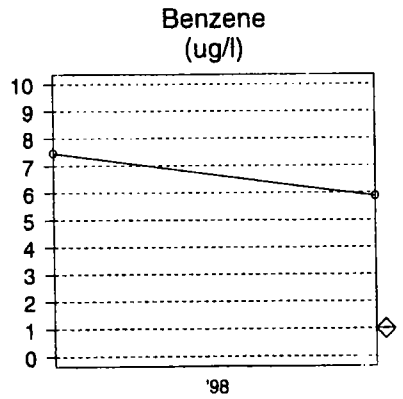
FORT MONMOUTH

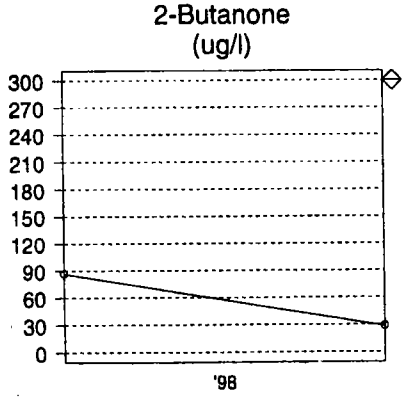
GW MONITORING
Bldg M-2

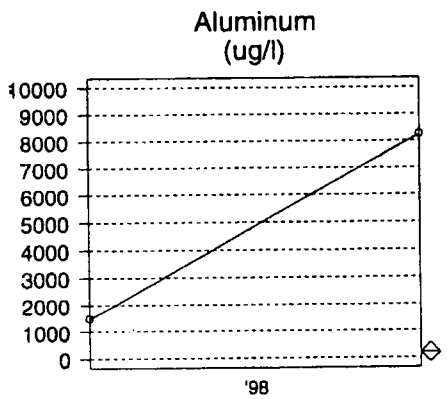
Well 12 of 14

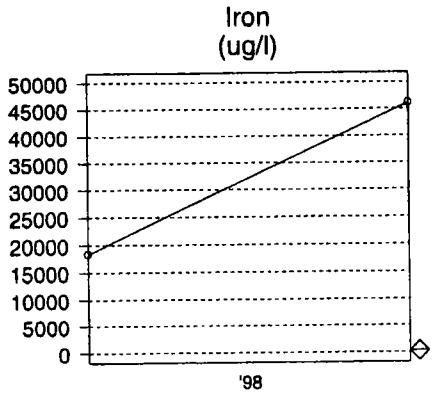
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

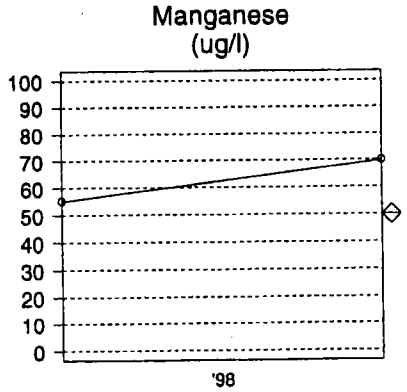


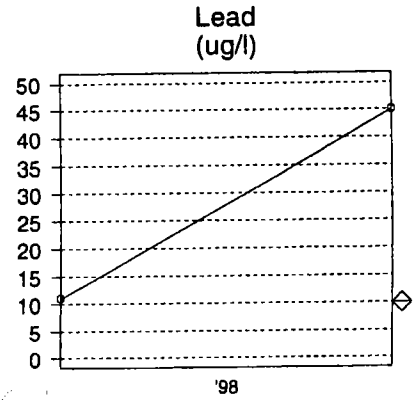


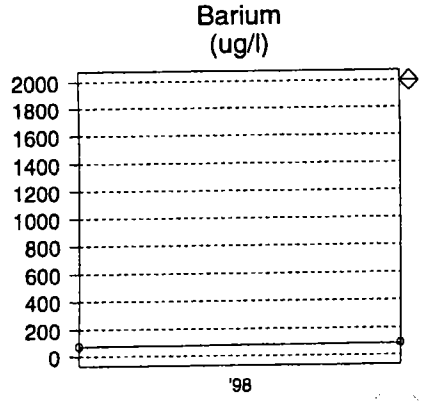


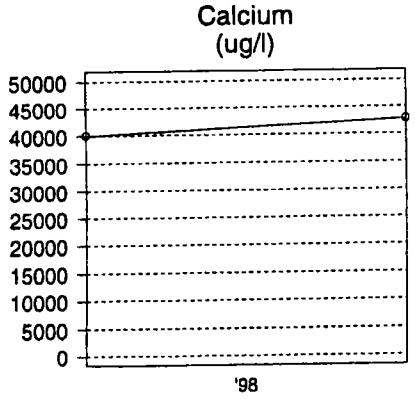












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 12 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-[illegible] wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	5200	5.21	9010	7560	32.5	7.48				V,S,P,M
11/02/98	FMETL	8600	10.5	19100	8240	95.3	7.48				V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

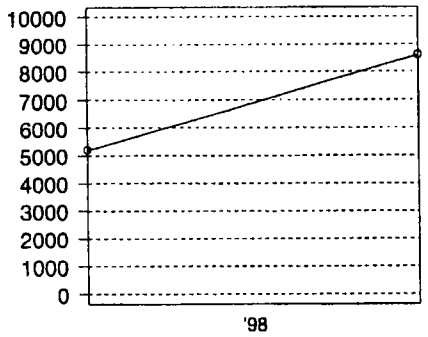
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

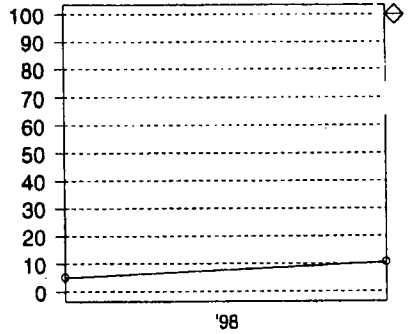
FORT MONMOUTH

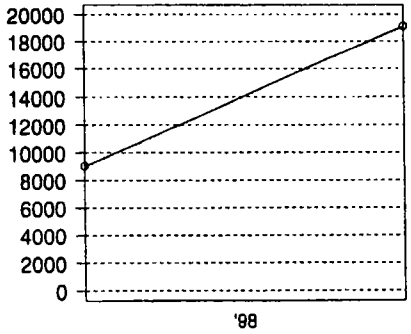
GW MONITORING
Bldg M-2

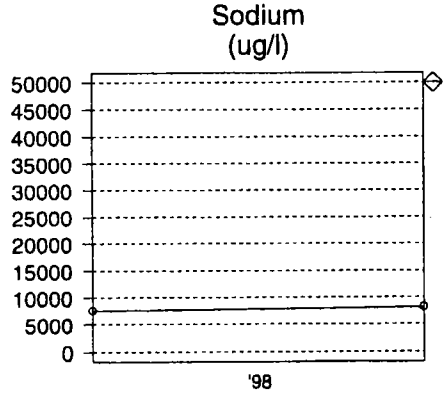
Well 12 of 14

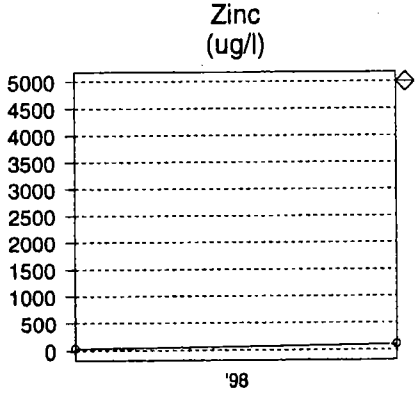
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

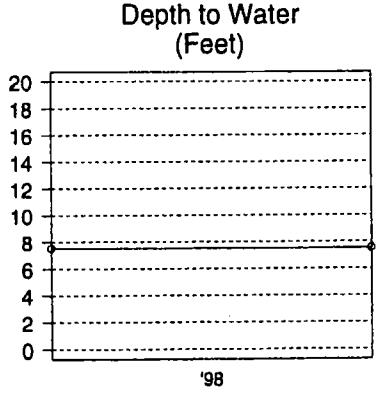












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 12 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\ /sf

	Lab	Acetone	Benzene	2-Butanone	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	0.50	0.50	200	300	50	10	-
10/19/98	FMETL	6.3	538.24	5.47	0.70	3.85	455	10400	1920	7	V,S,P,M
11/02/98	FMETL	6.22	205.68	3.19	0.26	1.47	7880	36100	1560	41.6	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

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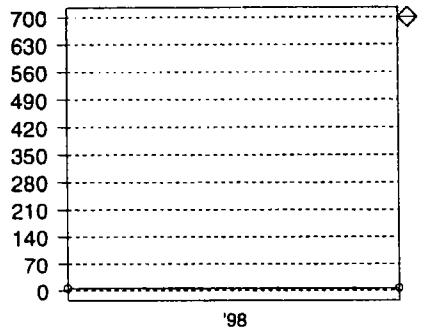
Well installed 9/98.

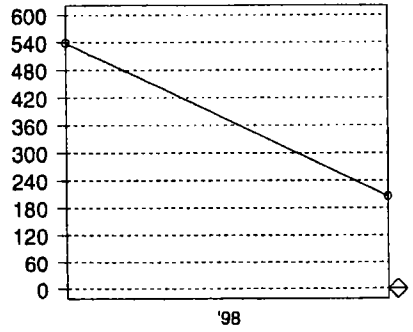
FORT MONMOUTH

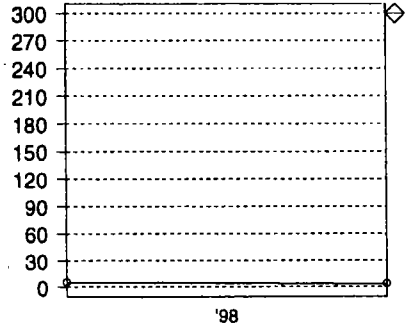
GW MONITORING
Bldg M-2

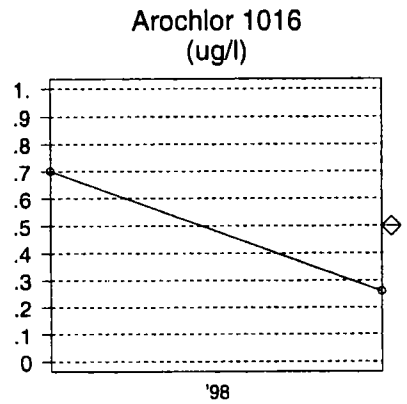
Well 13 of 14

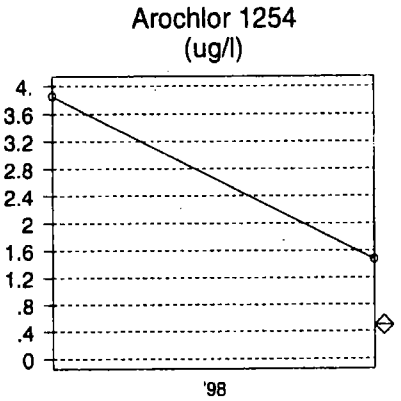
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

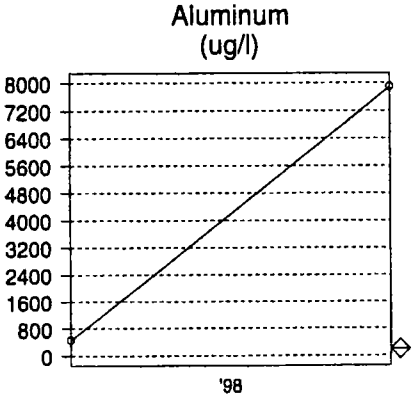


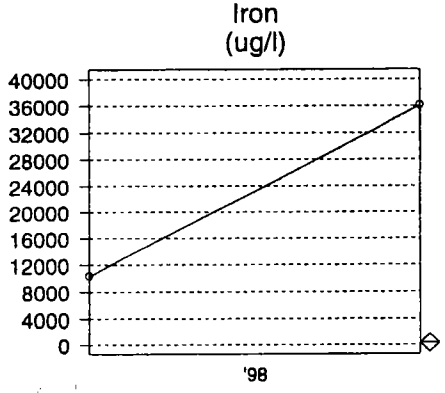


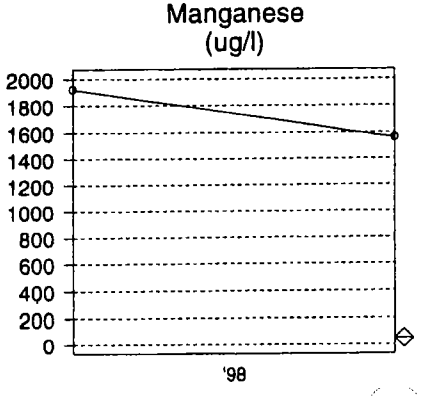


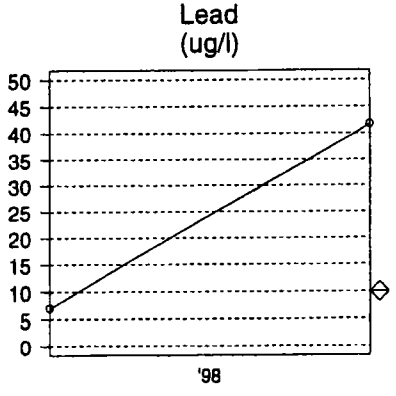












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2 wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/19/98	FMETL	87	ND	68200	5650	1.1	8290	7600	105	10.85	V,S,P,M
11/02/98	FMETL	146	0.987	56200	7540	14.2	16000	7580	565	10.85	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

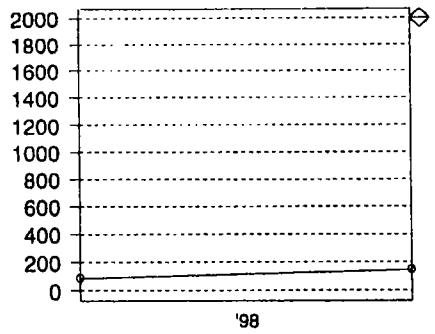
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

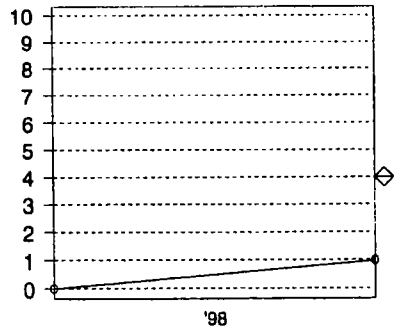
FORT MONMOUTH

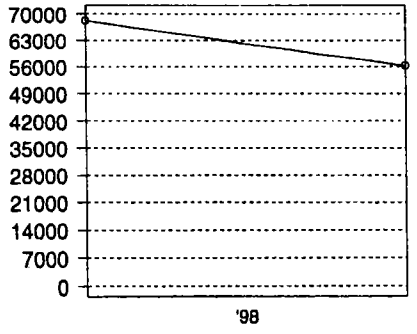
GW MONITORING
Bldg M-2

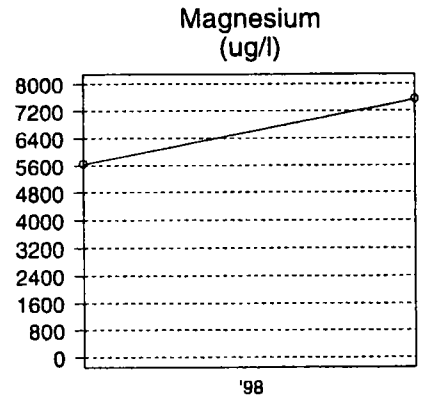
Well 13 of 14

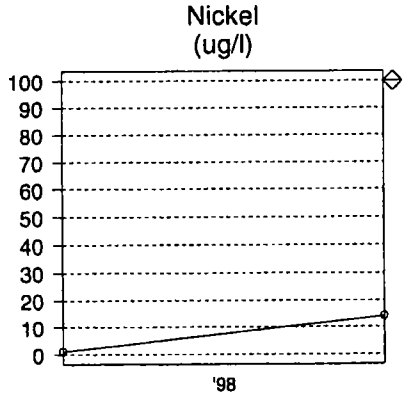
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

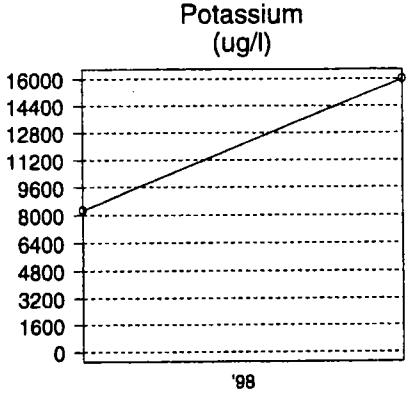


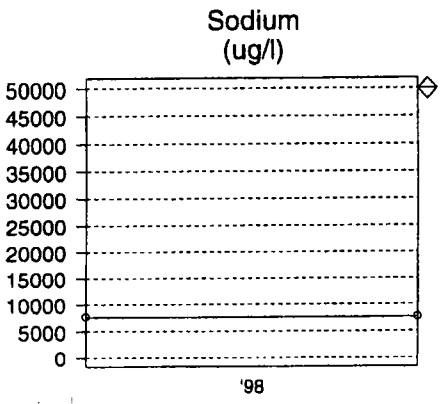


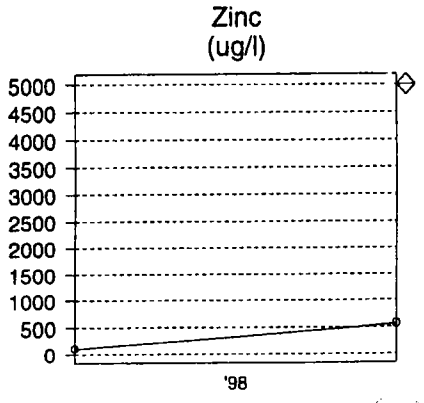


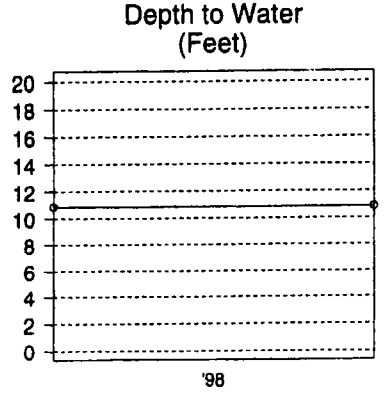












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2 wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	NLE	NLE	-
10/19/98	FMETL	9.04	9.93	486	4280	22.5	2.94	23.1	24600	1750	V,S,P,M
11/02/98	FMETL	5.21	2.85	3670	20600	47.4	4.47	58.6	45300	4300	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

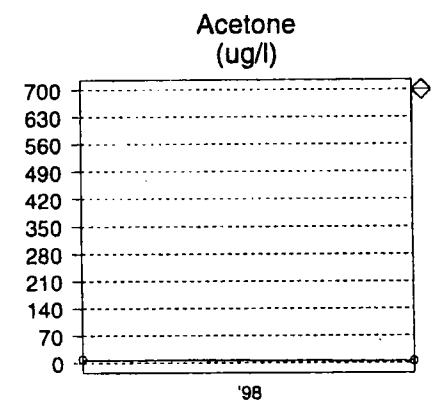
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

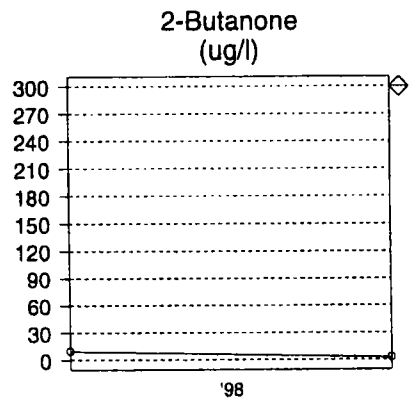
FORT MONMOUTH

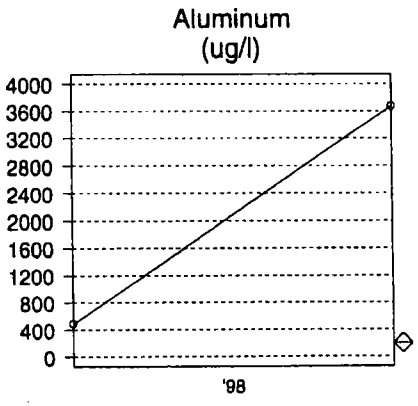
GW MONITORING
Bldg M-2

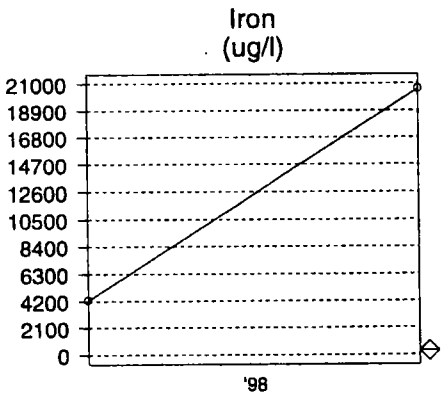
Well 14 of 14

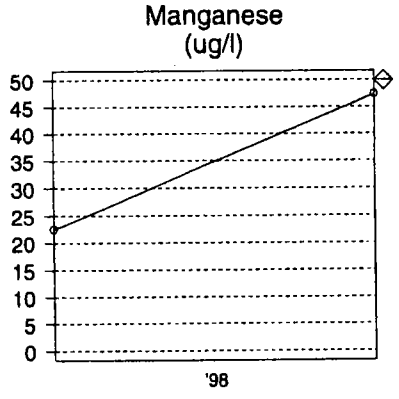
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

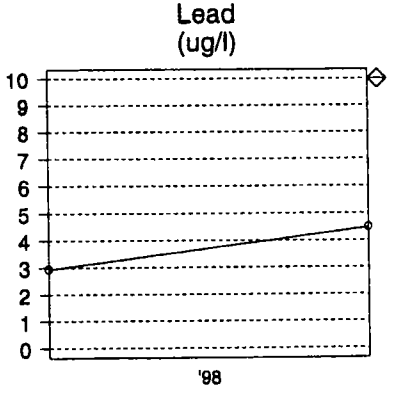


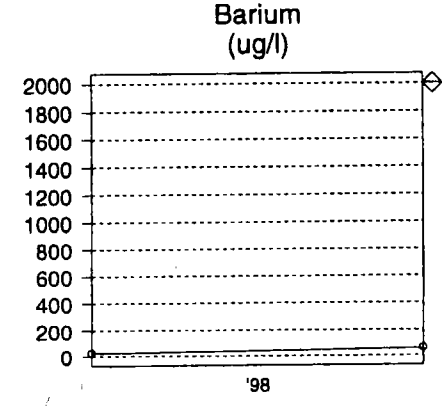


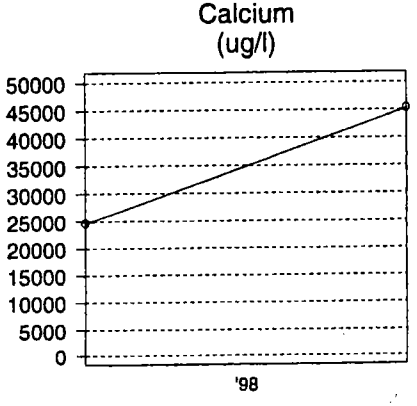


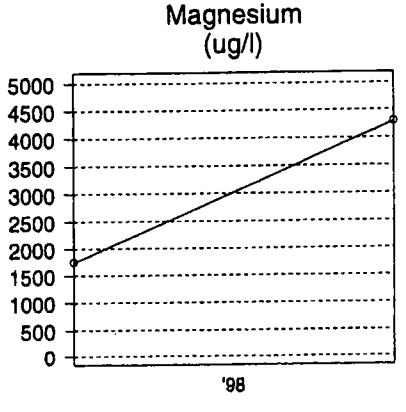












SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 14 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	1.26	3290	3870	20.1	8.24					V,S,P,M
11/02/98	FMETL	4.86	9530	7600	38.4	8.24					V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

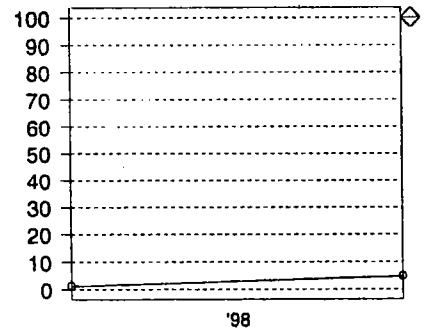
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

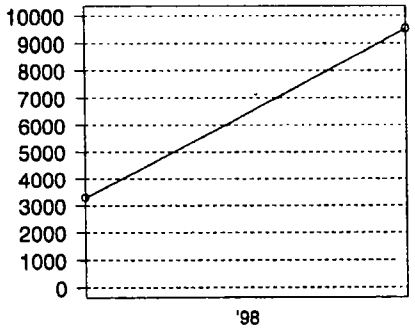
FORT MONMOUTH

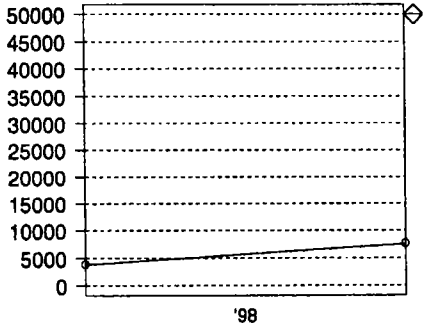
GW MONITORING
Bldg M-2

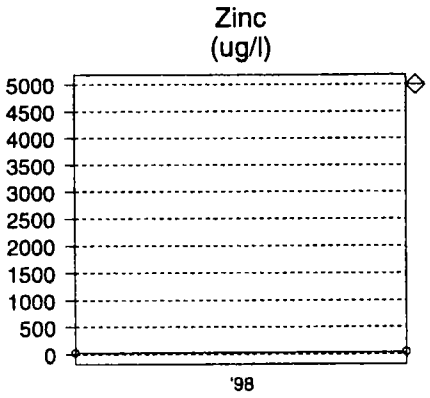
Well 14 of 14

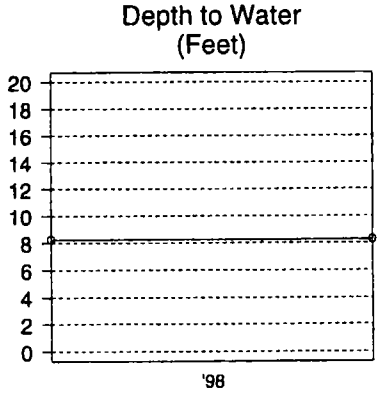
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 14 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\g

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring
New Wells/Round II

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4022.08	00M2MW05	29-39185	11/02/98
4022.07	00M2MW06	29-39184	11/02/98
4022.06	00M2MW07	29-39183	11/02/98
4022.05	00M2MW08	29-39182	11/02/98
4022.04	00M2MW09	29-39181	11/02/98
4022.03	00M2MW10	29-39180	11/02/98

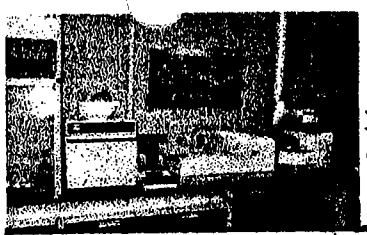
NJDEP Laboratory Certification # 13461

3-17-99
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: 426223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 New Wells 2nd Rnd

Samplers Name / Company: Corey McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VO+15	BNA+25	Pest+PCB	TAL MTLS				Hnu Read	Comments: HCL/HNO3/4°C Remarks / Preservation Method
4022.01	Trip	11/2/98	0715	AQ	2	✓								
.02	Field Blank		0910		5	✓	✓	✓	✓					
.03	MW#21		1003		5	✓	✓	✓	✓				✓	0.1 ppm
.04	MW#20		1047		5	✓	✓	✓	✓				✓	2.9 ppm
.05	MW#19		1145		5	✓	✓	✓	✓				✓	0.2 ppm
.06	MW#18		1221		5	✓	✓	✓	✓				✓	1.4 ppm
.07	MW#17		1237		5	✓	✓	✓	✓				✓	0.5 ppm
.08	MW#16		1313		5	✓	✓	✓	✓				✓	0.0 ppm
.09	Dupe	↓	—	↓	5	✓	✓	✓	✓					

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Corey McCormack	11/2/98 1520				

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: (✓)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Shows Trip/Blank/Dupe w/ M-3 New Wells of Same Depth. cpm

CASE NARRATIVE

Site: M-2
Lab ID: 4022

The duplicate analysis was performed on 00M2MW10 (Lab ID 4022.03).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam vb01952.d
Operator Skelton
Date Acquired 3 Nov 98 12:24 pm

Sample Name VBLK61
Field ID VBLK61
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: VBLK61

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: VBLK61

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01952.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: not dec. _____ Date Analyzed: 11/03/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam vb01984.d
Operator Skelton
Date Acquired 4 Nov 98 3:54 pm

Sample Name VBLK62
Field ID VBLK62
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: VBLK62

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: VBLK62

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01984.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: not dec. _____ Date Analyzed: 11/04/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01985.d**
Operator **Skelton**
Date Acquired **4 Nov 98 4:53 pm**

Sample Name **4022.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01985.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: not dec. _____ Date Analyzed: 11/04/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam vb01971.d
Operator Skelton
Date Acquired 4 Nov 98 3:04 am

Sample Name 4022.02
Field ID Field Blank
Sample Multiplier 1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.52	67052	5.64 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.73	39427	2.97 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Blank

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: SDG No Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01971.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: not dec. Date Analyzed: 11/04/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01977.D	Sample Name	4022.08
Operator	Skelton	Field ID	00M2MW06
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.52	61967	5.49 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.73	40278	3.19 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01977.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.35	4	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01976.D	Sample Name	4022.07
Operator	Skelton	Field ID	00M2MW05
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.50	83981	7.45 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.73	58580	4.65 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01976.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01975.D	Sample Name	4022.06
Operator	Skelton	Field ID	00M2MW07
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.53	76886	6.63 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.73	70764	5.45 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01975.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.33	7	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01974.D	Sample Name	4022.05
Operator	Skelton	Field ID	00M2MW08
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.50	131491	11.27 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.70	367606	28.18 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	964120	5.88 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/12/99 11:01 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01974.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.32	15	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01973.D	Sample Name	4022.04
Operator	Skelton	Field ID	00M2MW09
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.49	73258	6.22 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.72	41996	3.19 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	26033934	155.95 ug/L	1	0.23 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01973.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01998.D	Sample Name	4022.04
Operator	Skelton	Field ID	00M2MW09
Date Acquired	5-Nov-98	Sample Multiplier	5

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	9.25 ug/L	
107131	Acrylonitrile			not detected	50	13.90 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.60 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.80 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	8.40 ug/L	
74-87-3	Chloromethane			not detected	30	5.80 ug/L	
75-01-4	Vinyl Chloride			not detected	5	5.30 ug/L	
74-83-9	Bromomethane			not detected	10	5.50 ug/L	
75-00-3	Chloroethane			not detected	nle	5.05 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.20 ug/L	
67-64-1	Acetone			not detected	700	6.80 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	2.30 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.20 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.80 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.60 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	3.90 ug/L	
78-93-3	2-Butanone			not detected	300	3.10 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.85 ug/L	
67-66-3	Chloroform			not detected	6	1.50 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	1.15 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.35 ug/L	
71-43-2	Benzene	20.04	6797007	205.68 ug/L	1	1.15 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.90 ug/L	
79-01-6	Trichloroethene			not detected	1	1.15 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.75 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	3.25 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.45 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	2.95 ug/L	
108-88-3	Toluene			not detected	1000	1.85 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	4.35 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.40 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.60 ug/L	
591-78-6	2-Hexanone			not detected	nle	3.55 ug/L	
126-48-1	Dibromochloromethane			not detected	10	4.30 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.95 ug/L	
100-41-4	Ethylbenzene			not detected	700	3.25 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	5.70 ug/L	
1330-20-7	o-Xylene			not detected	nle	3.10 ug/L	
100-42-5	Styrene			not detected	100	2.80 ug/L	
75-25-2	Bromoform			not detected	4	3.50 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.35 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.75 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.85 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	3.20 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB01972.D	Sample Name	4022.03
Operator	Skelton	Field ID	00M2MW10
Date Acquired	4-Nov-98	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.52	61921	5.21 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.74	37913	2.85 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01972.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: not dec. _____ Date Analyzed: 11/4/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01987.d**
Operator **Skelton**
Date Acquired **4 Nov 98 6:26 pm**

Sample Name **4022.09**
Field ID **Dupe**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.53	67976	5.91 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	16.74	45561	3.54 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: _____ SDG No _____ Location NewWells

Matrix: (soil/water) WATER Lab Sample ID: 4022.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB01987.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: not dec. _____ Date Analyzed: 11/04/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000109-99-9	Furan, tetrahydro-	18.36	3	JN

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bna01155.d**
Operator **Skelton**
Date Acquired **5 Nov 1998 12:15 am**

Sample Name **SBLK158**
Misc Info **SBLK158 A 981104**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **bna01155.d**
Operator **Skelton**
Date Acquired **5 Nov 1998 12:15 am**

Sample Name **SBLK158**
Misc Info **SBLK158 A 981104**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SBLK158**

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: SBLK158

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01155.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/04/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.40	10	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bna01157.d**
Operator **Skelton**
Date Acquired **5 Nov 1998 1:38 am**

Sample Name **4022.02**
Misc Info **Field Blank**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **bna01157.d**
Operator **Skelton**
Date Acquired **5 Nov 1998 1:38 am**

Sample Name **4022.02**
Misc Info **Field Blank**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Field Blank

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01157.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/04/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.40	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01163.D**	Sample Name	**4022.08**
Operator	**Skelton**	Misc Info	**00M2MW05**
Date Acquired	**5 Nov 1998 5:46 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01163.D**	Sample Name	**4022.08**
Operator	**Skelton**	Misc Info	**00M2MW05**
Date Acquired	**5 Nov 1998 5:46 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01163.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BNA01162.D	Sample Name	4022.07
Operator	Skelton	Misc Info	00M2MW06
Date Acquired	5 Nov 1998 5:05 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	BNA01162.D	Sample Name	4022.07
Operator	Skelton	Misc Info	00M2MW06
Date Acquired	5 Nov 1998 5:05 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01162.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	000104-87-0	Benzaldehyde, 4-methyl-	8.83	9	JN
2.		unknown	12.28	10	J
3.	000096-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)	14.87	39	JN
4.	000057-10-3	Hexadecanoic acid	19.72	18	JN
5.	007704-34-9	Sulfur	20.50	21	JN
6.	000646-31-1	Tetracosane	23.51	9	JN
7.	000112-95-8	Eicosane	24.30	14	JN
8.	000630-06-8	Hexatriacontane	25.06	16	JN
9.	007098-22-8	Tetratetracontane	25.79	41	JN
10.		unknown	26.41	23	J
11.	000630-03-5	Nonacosane	26.50	34	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01161.D**	Sample Name	**4022.06**
Operator	**Skelton**	Misc Info	**00M2MW07**
Date Acquired	**5 Nov 1998 4:24 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01161.D**	Sample Name	**4022.06**
Operator	**Skelton**	Misc Info	**00M2MW07**
Date Acquired	**5 Nov 1998 4:24 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW07

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01161.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.40	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01160.D**	Sample Name	**4022.05**
Operator	**Skelton**	Misc Info	**00M2MW08**
Date Acquired	**5 Nov 1998 3:42 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA01160.D**	Sample Name	**4022.05**
Operator	**Skelton**	Misc Info	**00M2MW08**
Date Acquired	**5 Nov 1998 3:42 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01160.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.40	9	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01159.D**	Sample Name	**4022.04**
Operator	**Skelton**	Misc Info	**00M2MW09**
Date Acquired	**5 Nov 1998 3:01 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA01159.D**	Sample Name	**4022.04**
Operator	**Skelton**	Misc Info	**00M2MW09**
Date Acquired	**5 Nov 1998 3:01 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01159.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA01158.D**	Sample Name	**4022.03**
Operator	**Skelton**	Misc Info	**00M2MW10**
Date Acquired	**5 Nov 1998 2:20 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA01158.D**	Sample Name	**4022.03**
Operator	**Skelton**	Misc Info	**00M2MW10**
Date Acquired	**5 Nov 1998 2:20 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Lab Cod 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01158.D

Level: (low/med) LOW Date Received: 11/2/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/4/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/5/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.40	9	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bna01164.d	Sample Name	4022.09
Operator	Skelton	Misc Info	Dupe
Date Acquired	5 Nov 1998 6:27 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name **bna01164.d**
Operator **Skelton**
Date Acquired **5 Nov 1998 6:27 am**

Sample Name **4022.09**
Misc Info **Dupe**
Sample Multiplier **1**

121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Dupe

Lab Name: FMETL Lab Code 13461

Project _____ Case No.: 4022 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4022.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01164.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/04/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK230
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/4/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	2.260
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	0.260
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	1.470
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4022.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/3/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	EPA Method 608	**Location :**	M-2 New Wells
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022
Sample Prepared: 11/03/98

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	71.0	200	10.0
Antimony	11/05/98	ND	20	2.0
Arsenic	11/05/98	ND	8	2.0
Barium	11/05/98	3.02	2000	0.5
Beryllium	11/05/98	0.508	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	103	NLE	20.0
Chromium	11/05/98	ND	100	0.5
Cobalt	11/05/98	ND	NLE	0.5
Copper	11/05/98	15.4	1000	3.0
Iron	11/05/98	62.3	300	10.0
Lead	11/05/98	ND	10	2.0
Magnesium	11/05/98	51.1	NLE	20.0
Manganese	11/05/98	ND	50	0.5
Mercury	11/05/98	ND	2	0.1
Nickel	11/05/98	2.06	100	0.5
Potassium	11/05/98	ND	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	ND	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	ND	NLE	1.0
Zinc	11/05/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.02
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	ND	200	10.0
Antimony	11/05/98	ND	20	2.0
Arsenic	11/05/98	ND	8	2.0
Barium	11/05/98	ND	2000	0.5
Beryllium	11/05/98	ND	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	63.6	NLE	20.0
Chromium	11/05/98	ND	100	0.5
Cobalt	11/05/98	ND	NLE	0.5
Copper	11/05/98	ND	1000	3.0
Iron	11/05/98	19.2	300	10.0
Lead	11/05/98	ND	10	2.0
Magnesium	11/05/98	ND	NLE	20.0
Manganese	11/05/98	ND	50	0.5
Mercury	11/05/98	ND	2	0.1
Nickel	11/05/98	ND	100	0.5
Potassium	11/05/98	ND	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	ND	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	ND	NLE	1.0
Zinc	11/05/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.08
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	4860	200	10.0
Antimony	11/05/98	14.3	20	2.0
Arsenic	11/05/98	8.63	8	2.0
Barium	11/05/98	65.4	2000	0.5
Beryllium	11/05/98	0.583	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	15200	NLE	20.0
Chromium	11/05/98	65.6	100	0.5
Cobalt	11/05/98	4.08	NLE	0.5
Copper	11/05/98	3.43	1000	3.0
Iron	11/05/98	29900	300	10.0
Lead	11/05/98	15.3	10	2.0
Magnesium	11/05/98	4270	NLE	20.0
Manganese	11/05/98	45.5	50	0.5
Mercury	11/05/98	0.30	2	0.1
Nickel	11/05/98	13.7	100	0.5
Potassium	11/05/98	10200	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	4830	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	29.7	NLE	1.0
Zinc	11/05/98	53.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.07
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	10300	200	10.0
Antimony	11/05/98	3.76	20	2.0
Arsenic	11/05/98	16.5	8	2.0
Barium	11/05/98	175	2000	0.5
Beryllium	11/05/98	1.52	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	49100	NLE	20.0
Chromium	11/05/98	105	100	0.5
Cobalt	11/05/98	5.41	NLE	0.5
Copper	11/05/98	55.1	1000	3.0
Iron	11/05/98	43500	300	10.0
Lead	11/05/98	90.5	10	2.0
Magnesium	11/05/98	8030	NLE	20.0
Manganese	11/05/98	92.7	50	0.5
Mercury	11/05/98	0.47	2	0.1
Nickel	11/05/98	18.9	100	0.5
Potassium	11/05/98	15100	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	8090	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	46.6	NLE	1.0
Zinc	11/05/98	392	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.06
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	3870	200	10.0
Antimony	11/05/98	2.69	20	2.0
Arsenic	11/05/98	6.24	8	2.0
Barium	11/05/98	107	2000	0.5
Beryllium	11/05/98	1.05	20	0.5
Cadmium	11/05/98	2.36	4	0.5
Calcium	11/05/98	51000	NLE	20.0
Chromium	11/05/98	48.8	100	0.5
Cobalt	11/05/98	4.10	NLE	0.5
Copper	11/05/98	24.3	1000	3.0
Iron	11/05/98	23800	300	10.0
Lead	11/05/98	16.4	10	2.0
Magnesium	11/05/98	6450	NLE	20.0
Manganese	11/05/98	82.2	50	0.5
Mercury	11/05/98	0.24	2	0.1
Nickel	11/05/98	12.0	100	0.5
Potassium	11/05/98	8570	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	8650	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	23.3	NLE	1.0
Zinc	11/05/98	144	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.05
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	8250	200	10.0
Antimony	11/05/98	5.31	20	2.0
Arsenic	11/05/98	7.03	8	2.0
Barium	11/05/98	87.2	2000	0.5
Beryllium	11/05/98	1.14	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	42700	NLE	20.0
Chromium	11/05/98	111	100	0.5
Cobalt	11/05/98	2.75	NLE	0.5
Copper	11/05/98	6.50	1000	3.0
Iron	11/05/98	46100	300	10.0
Lead	11/05/98	45.0	10	2.0
Magnesium	11/05/98	8600	NLE	20.0
Manganese	11/05/98	69.9	50	0.5
Mercury	11/05/98	0.18	2	0.1
Nickel	11/05/98	10.5	100	0.5
Potassium	11/05/98	19100	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	8240	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	41.5	NLE	1.0
Zinc	11/05/98	95.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.04
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	7880	200	10.0
Antimony	11/05/98	4.08	20	2.0
Arsenic	11/05/98	13.3	8	2.0
Barium	11/05/98	146	2000	0.5
Beryllium	11/05/98	1.45	20	0.5
Cadmium	11/05/98	0.987	4	0.5
Calcium	11/05/98	56200	NLE	20.0
Chromium	11/05/98	116	100	0.5
Cobalt	11/05/98	5.03	NLE	0.5
Copper	11/05/98	24.0	1000	3.0
Iron	11/05/98	36100	300	10.0
Lead	11/05/98	41.6	10	2.0
Magnesium	11/05/98	7540	NLE	20.0
Manganese	11/05/98	1560	50	0.5
Mercury	11/05/98	0.76	2	0.1
Nickel	11/05/98	14.2	100	0.5
Potassium	11/05/98	16000	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	7580	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	46.9	NLE	1.0
Zinc	11/05/98	565	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.03
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	3670	200	10.0
Antimony	11/05/98	4.19	20	2.0
Arsenic	11/05/98	3.08	8	2.0
Barium	11/05/98	58.6	2000	0.5
Beryllium	11/05/98	0.748	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	45300	NLE	20.0
Chromium	11/05/98	49.9	100	0.5
Cobalt	11/05/98	1.98	NLE	0.5
Copper	11/05/98	ND	1000	3.0
Iron	11/05/98	20600	300	10.0
Lead	11/05/98	4.47	10	2.0
Magnesium	11/05/98	4300	NLE	20.0
Manganese	11/05/98	47.4	50	0.5
Mercury	11/05/98	ND	2	0.1
Nickel	11/05/98	4.86	100	0.5
Potassium	11/05/98	9530	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	7600	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	24.7	NLE	1.0
Zinc	11/05/98	38.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4022.09
Sample Received: 11/02/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	11/05/98	3420	200	10.0
Antimony	11/05/98	6.18	20	2.0
Arsenic	11/05/98	6.16	8	2.0
Barium	11/05/98	56.8	2000	0.5
Beryllium	11/05/98	ND	20	0.5
Cadmium	11/05/98	ND	4	0.5
Calcium	11/05/98	15400	NLE	20.0
Chromium	11/05/98	44.0	100	0.5
Cobalt	11/05/98	2.94	NLE	0.5
Copper	11/05/98	ND	1000	3.0
Iron	11/05/98	26100	300	10.0
Lead	11/05/98	10.9	10	2.0
Magnesium	11/05/98	3650	NLE	20.0
Manganese	11/05/98	40.9	50	0.5
Mercury	11/05/98	0.20	2	0.1
Nickel	11/05/98	9.67	100	0.5
Potassium	11/05/98	8920	NLE	20.0
Selenium	11/05/98	ND	50	3.0
Silver	11/05/98	ND	20	3.0
Sodium	11/05/98	4960	50000	20.0
Thallium	11/05/98	ND	10	3.0
Vanadium	11/05/98	19.2	NLE	1.0
Zinc	11/05/98	44.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	NLE	NLE	-
10/19/98	FMETL	ND	9.29	1080	15800	34.2	4.09	35.8	14300	2660	V,S,P,M
11/02/98	FMETL	5.49	3.19	4860	29900	45.5	15.3	65.4	15200	4270	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

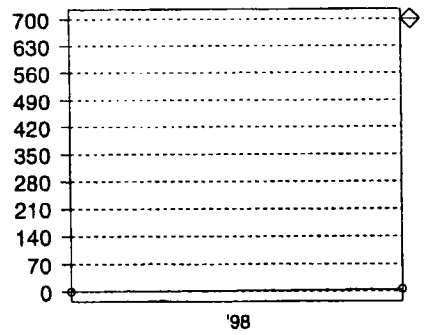
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

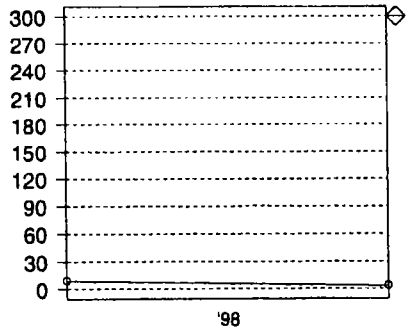
FORT MONMOUTH

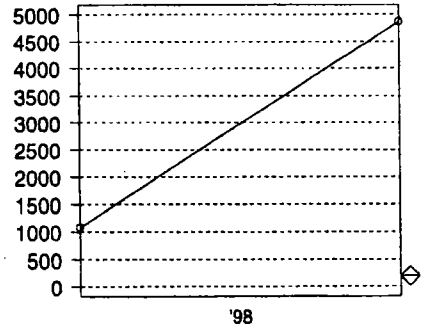
GW MONITORING
Bldg M-2

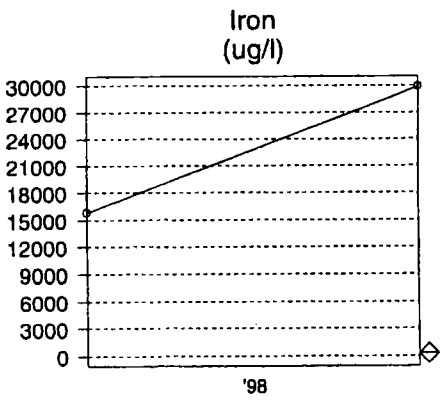
Well 9 of 14

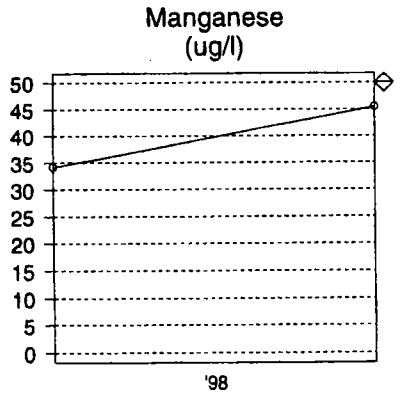
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

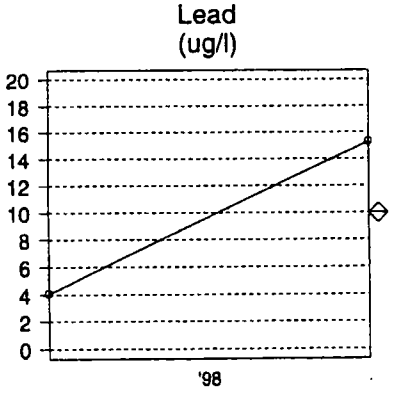


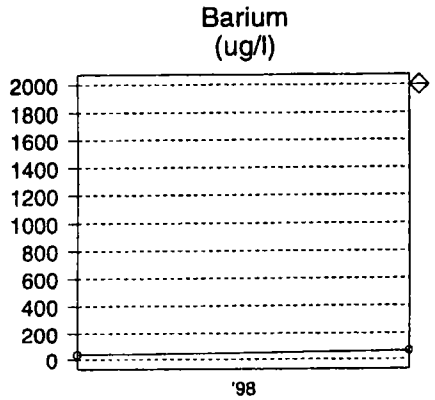


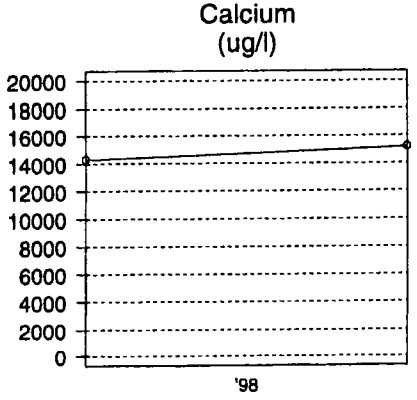


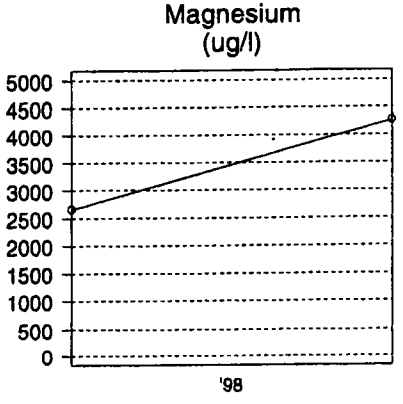












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	6.31	6550	5070	16.4	6.84					V,S,P,M
11/02/98	FMETL	13.7	10200	4830	53.5	6.84					V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

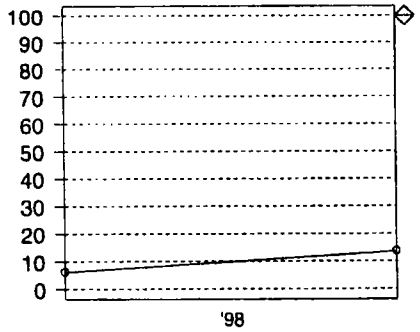
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

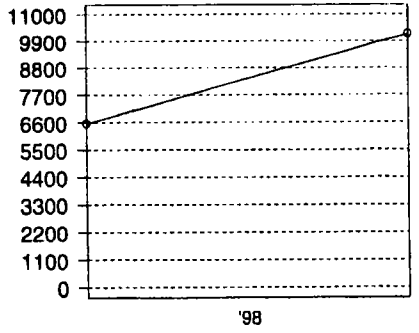
FORT MONMOUTH

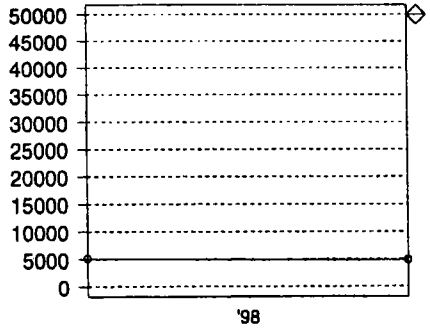
GW MONITORING
Bldg M-2

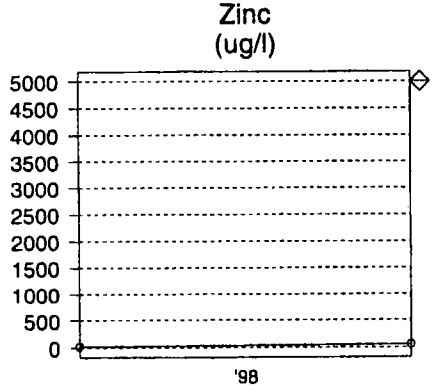
Well 9 of 14

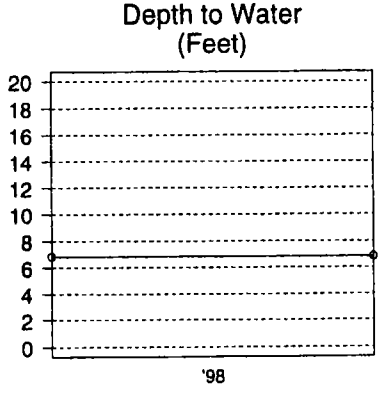
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	Chloro benzene	2-But anone	Arochlor 1016	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	0.50	200	300	50	10	2000	-
10/19/98	FMETL	ND	1.36	8.86	0.865	1240	16500	72.5	22.4	102	V,S,P,M
11/02/98	FMETL	7.45	ND	4.65	2.26	10300	43500	92.7	90.5	175	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

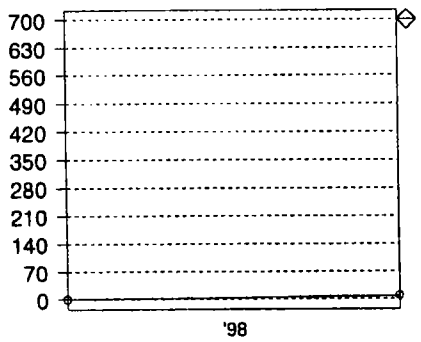
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

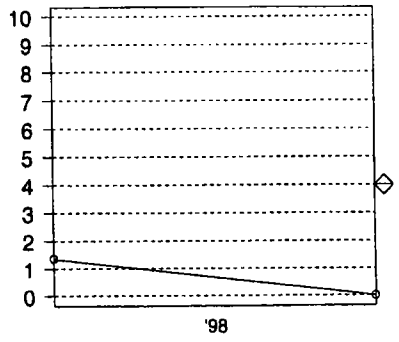
FORT MONMOUTH

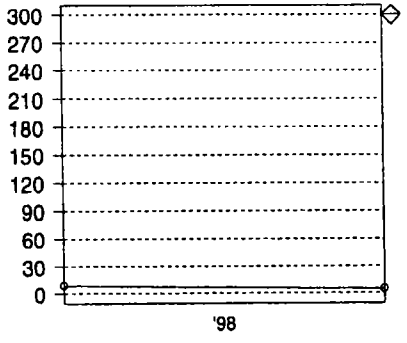
GW MONITORING
Bldg M-2

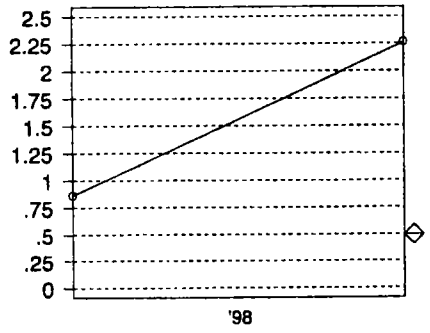
Well 10 of 14

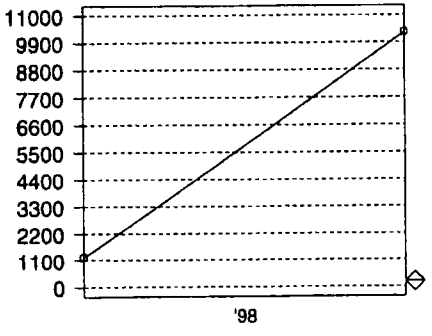
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

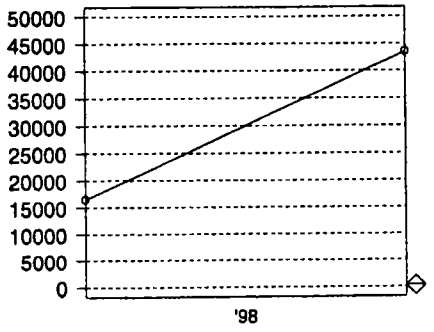


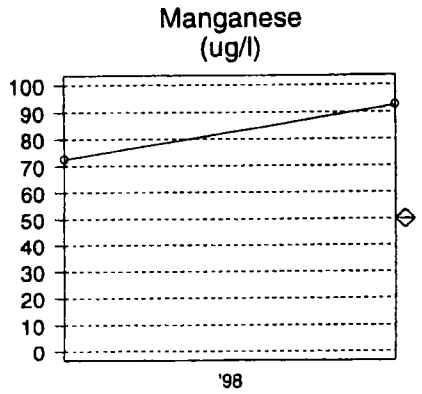


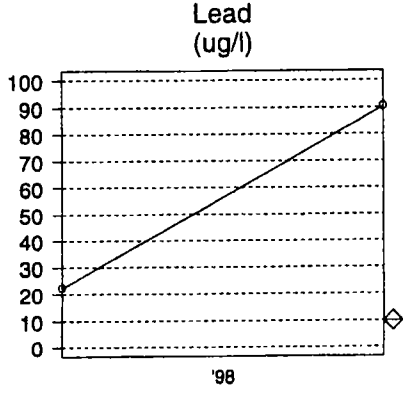


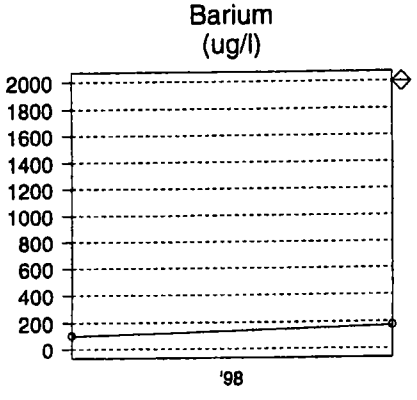












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	48700	4970	3.62	7660	6970	83.5	9.12			V,S,P,M
11/02/98	FMETL	49100	8030	18.9	15100	8090	392	9.12			V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

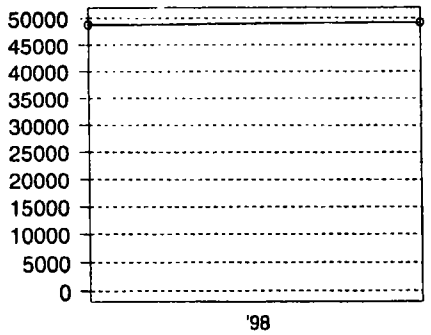
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

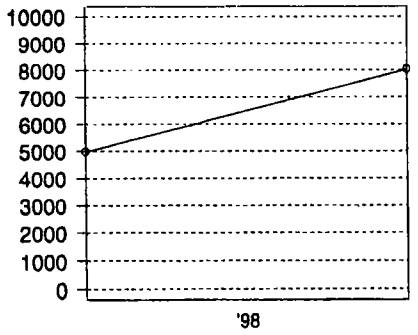
FORT MONMOUTH

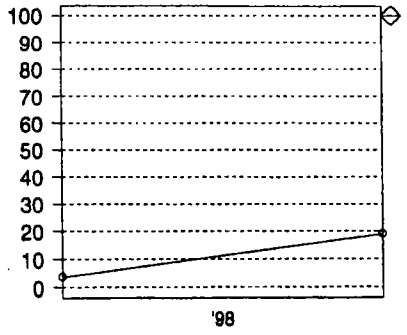
GW MONITORING
Bldg M-2

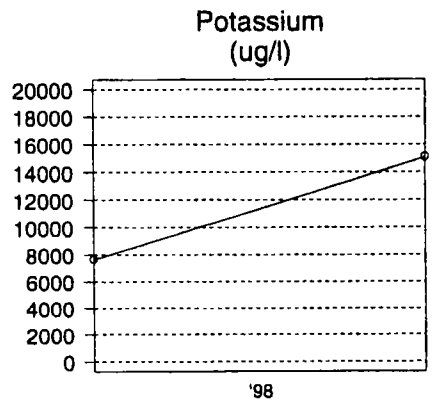
Well 10 of 14

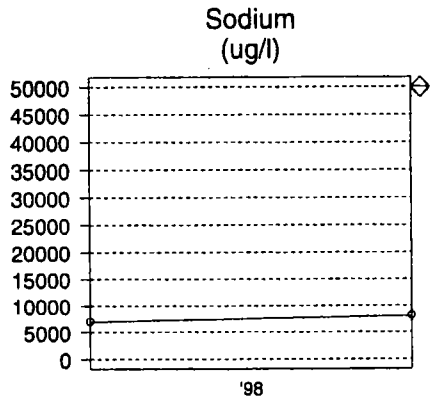
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

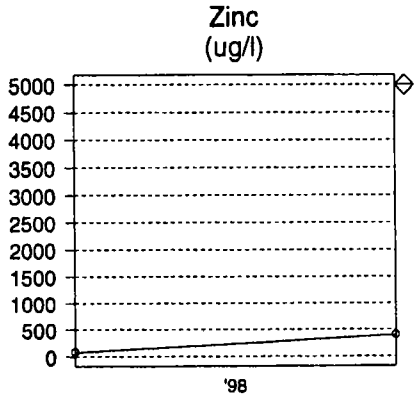


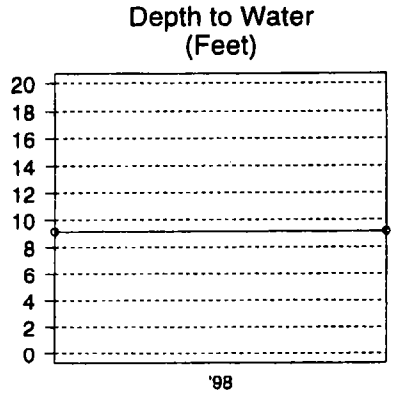












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	ND	11.29	1480	14800	94.8	13	96.6	ND	51700	V,S,P,M
11/02/98	FMETL	6.63	5.45	3870	23800	82.2	16.4	107	2.36	51000	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

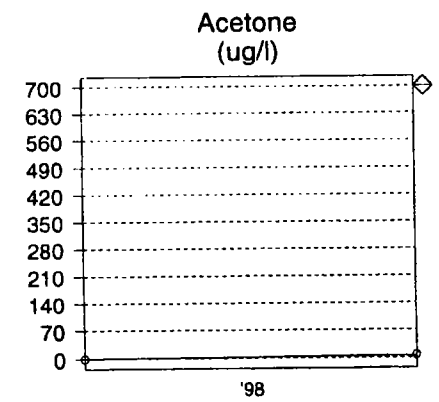
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

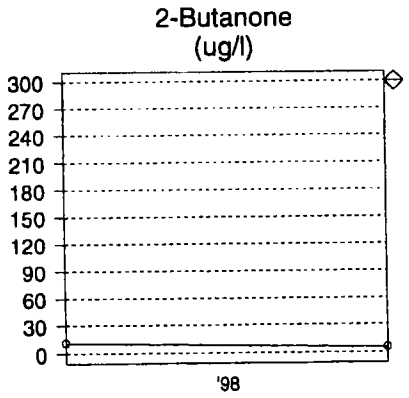
FORT MONMOUTH

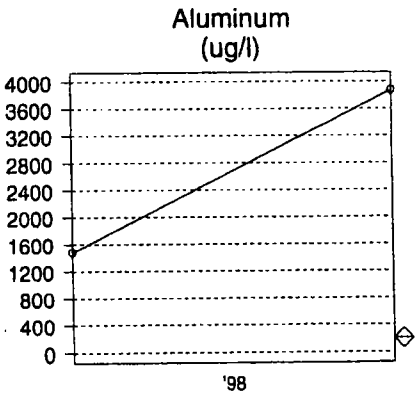
GW MONITORING
Bldg M-2

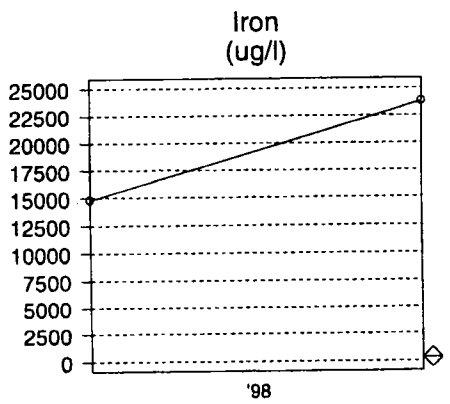
Well 11 of 14

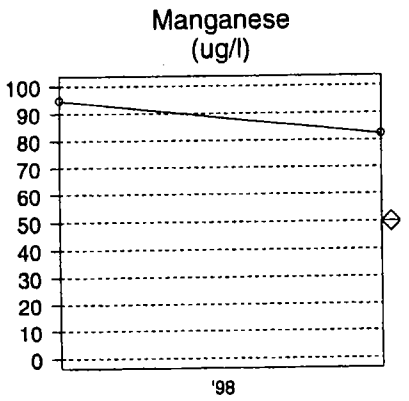
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

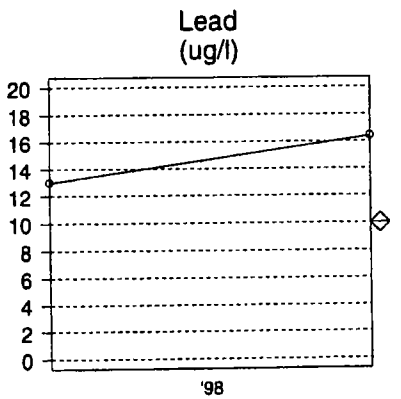


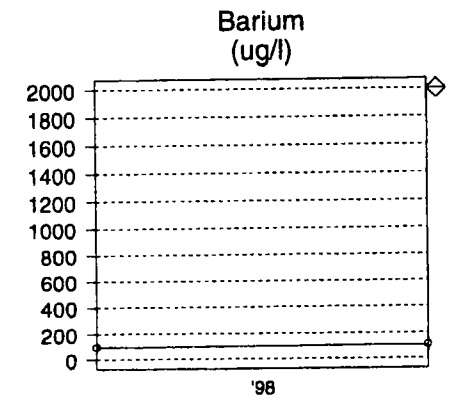


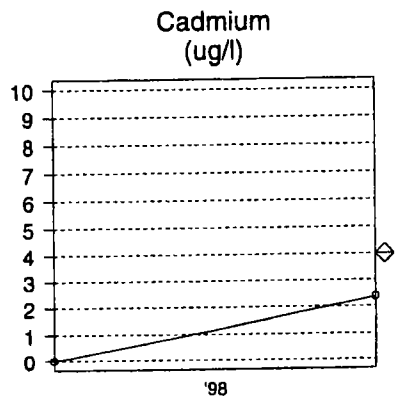


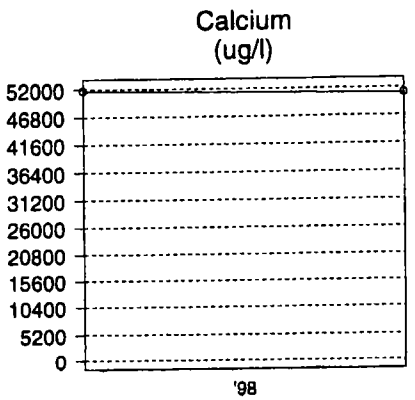












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	6010	8.01	7310	13500	93.8	7.61				V,S,P,M
11/02/98	FMETL	6450	12	8570	8650	144	7.61				V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.

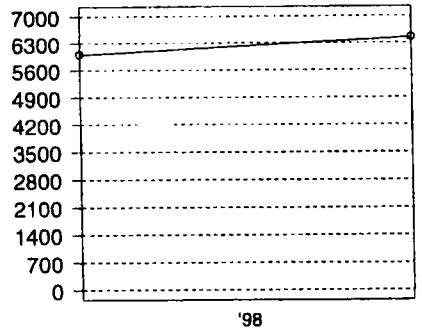
FORT MONMOUTH

GW MONITORING
Bldg M-2

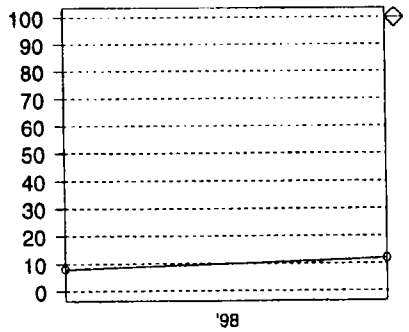
Well 11 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

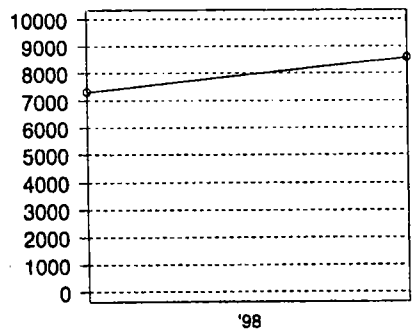
Magnesium
(ug/l)



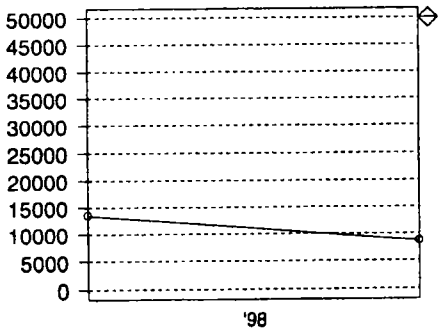
Nickel
(ug/l)



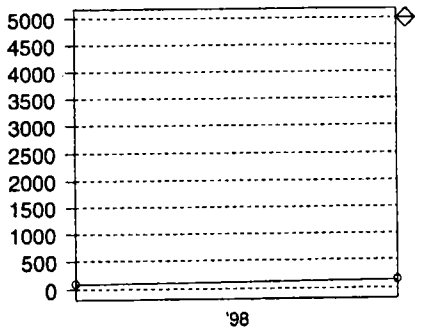
Potassium
(ug/l)



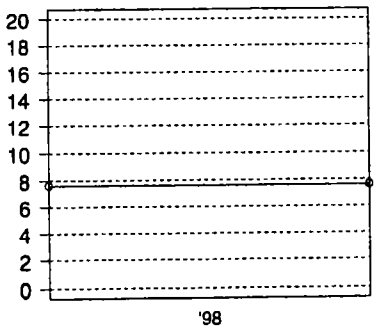
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	Benzene	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	200	300	50	10	2000	NLE	-
10/19/98	FMETL	17.89	7.46	86.82	1490	18400	55.1	11	72.6	40000	V,S,P,M
11/02/98	FMETL	11.27	5.88	28.18	8250	46100	69.9	45	87.2	42700	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

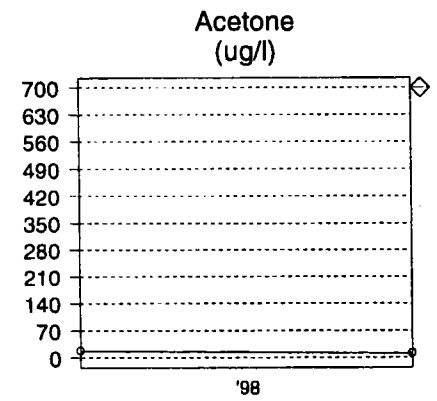
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

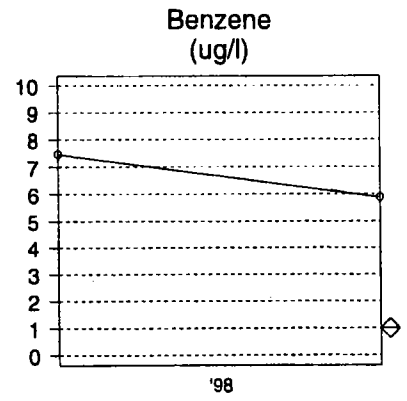
FORT MONMOUTH

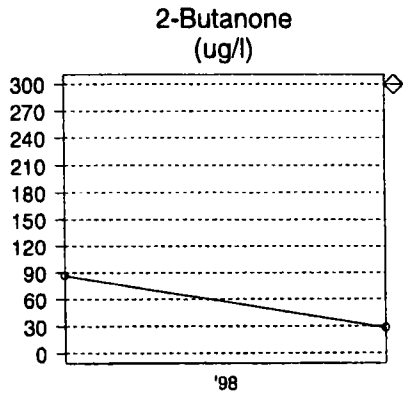
GW MONITORING
Bldg M-2

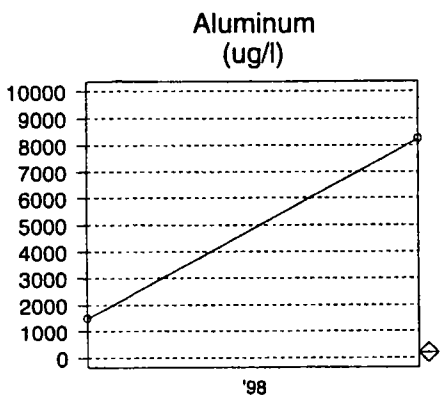
Well 12 of 14

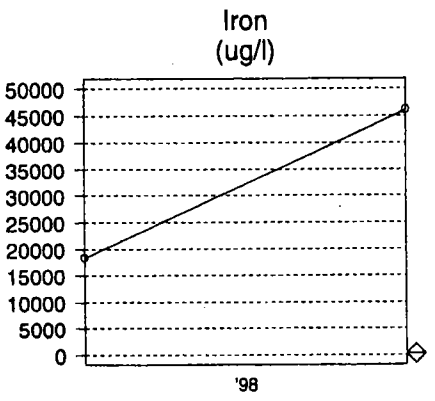
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

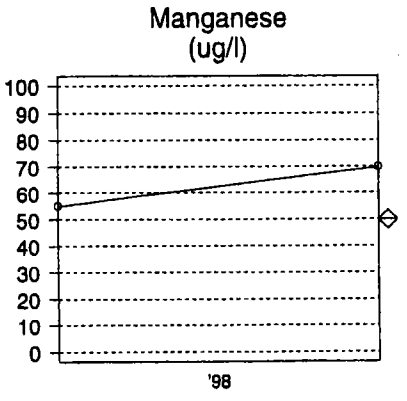


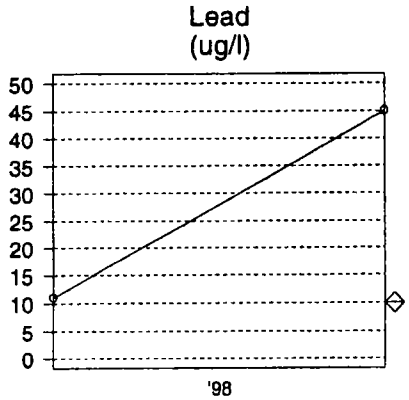


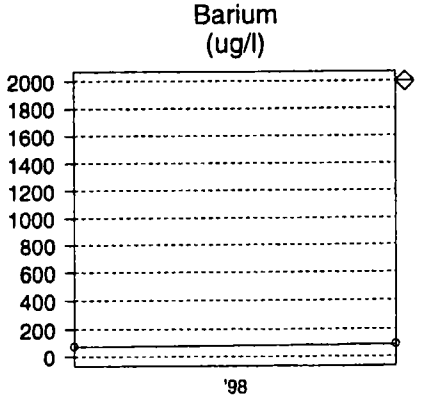


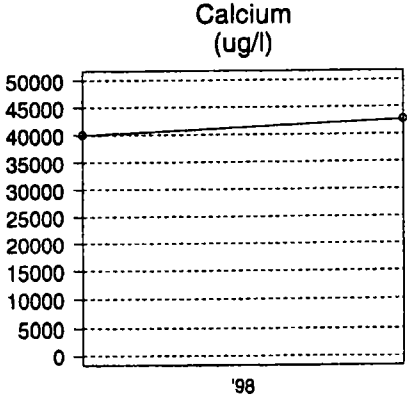












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 12 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	5200	5.21	9010	7560	32.5	7.48				V,S,P,M
11/02/98	FMETL	8600	10.5	19100	8240	95.3	7.48				V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

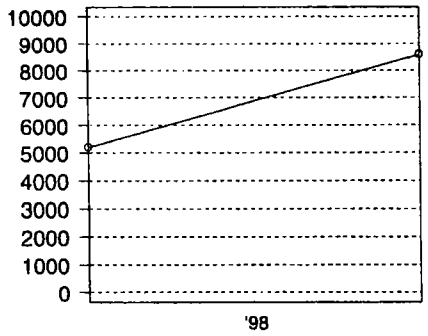
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

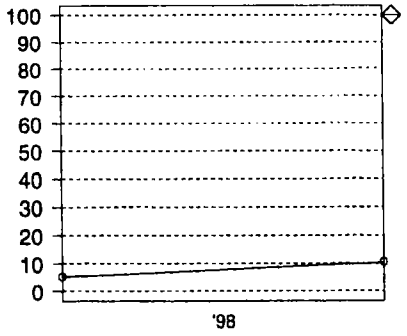
FORT MONMOUTH

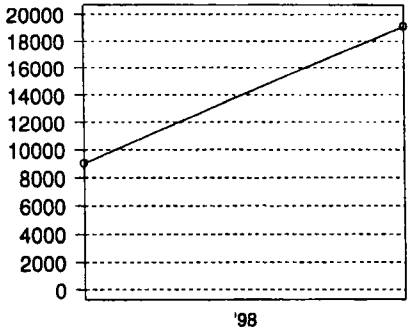
GW MONITORING
Bldg M-2

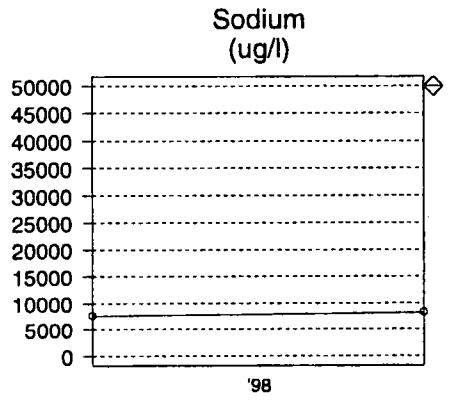
Well 12 of 14

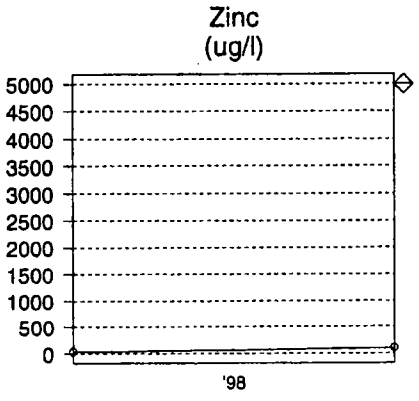
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

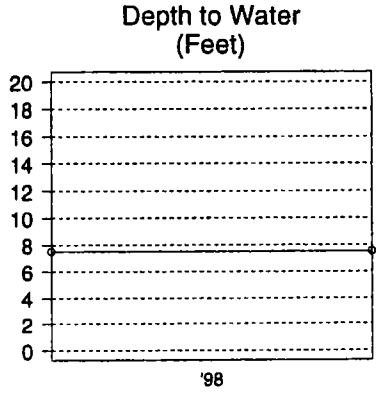












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 12 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	Benzene	2-But anone	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	0.50	0.50	200	300	50	10	-
10/19/98	FMETL	6.3	538.24	5.47	0.70	3.85	455	10400	1920	7	V,S,P,M
11/02/98	FMETL	6.22	205.68	3.19	0.26	1.47	7880	36100	1560	41.6	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

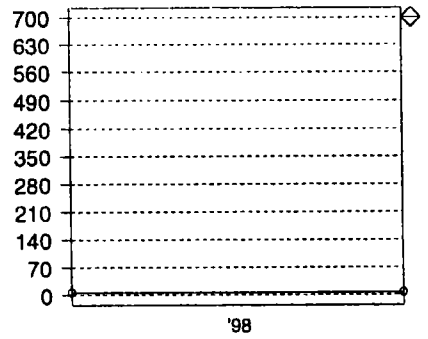
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

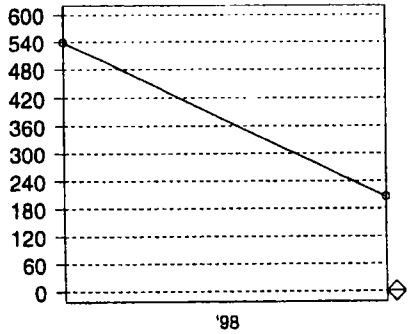
FORT MONMOUTH

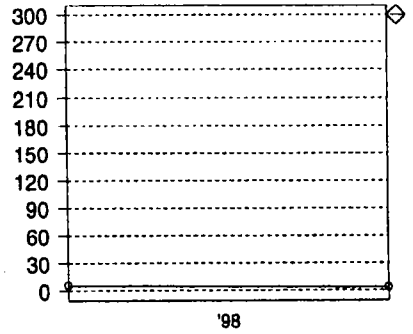
GW MONITORING
Bldg M-2

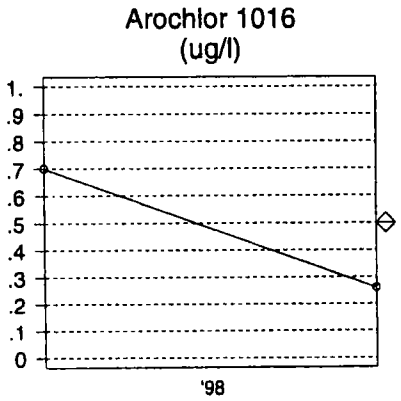
Well 13 of 14

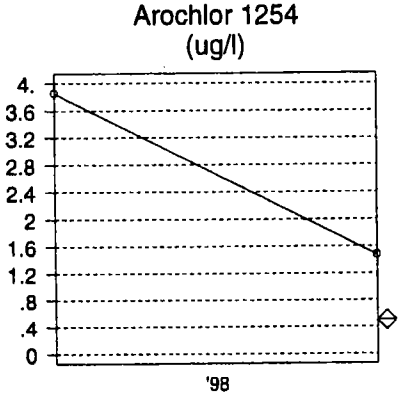
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

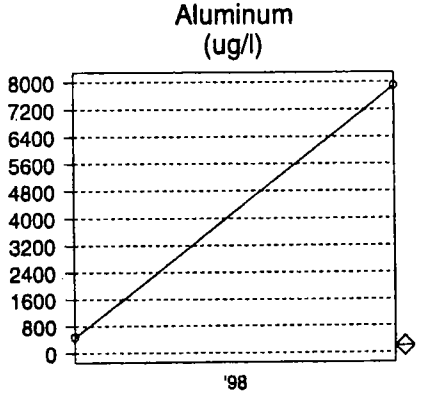


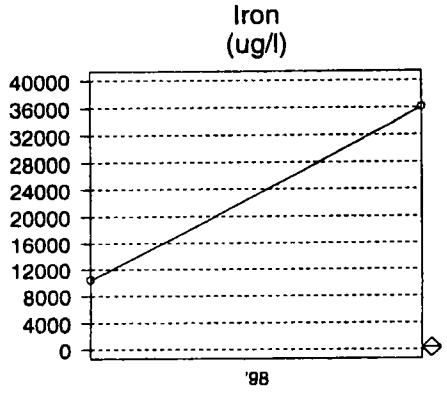


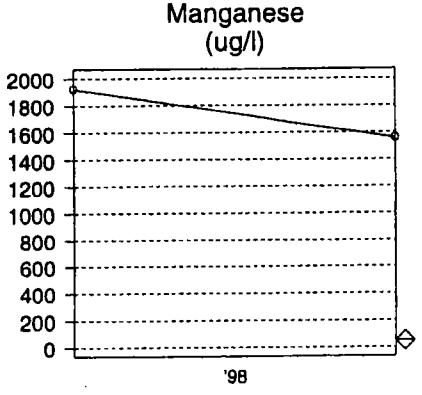


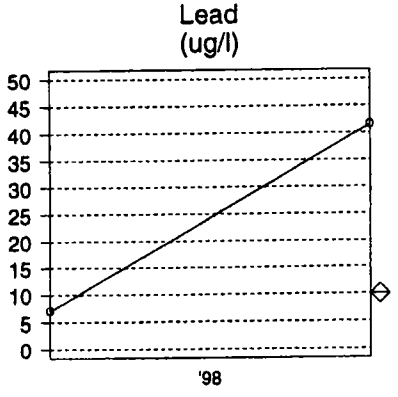












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/19/98	FMETL	87	ND	68200	5650	1.1	8290	7600	105	10.85	V,S,P,M
11/02/98	FMETL	146	0.987	56200	7540	14.2	16000	7580	565	10.85	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

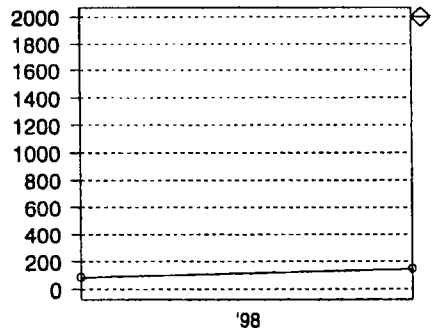
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

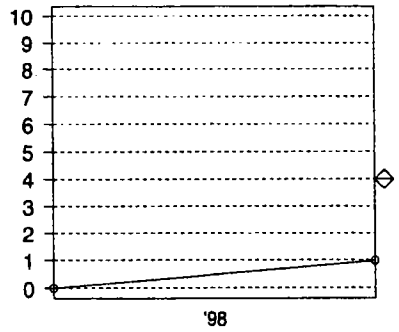
FORT MONMOUTH

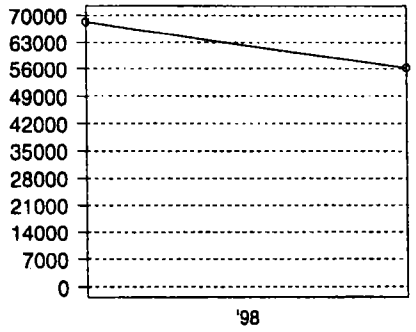
GW MONITORING
Bldg M-2

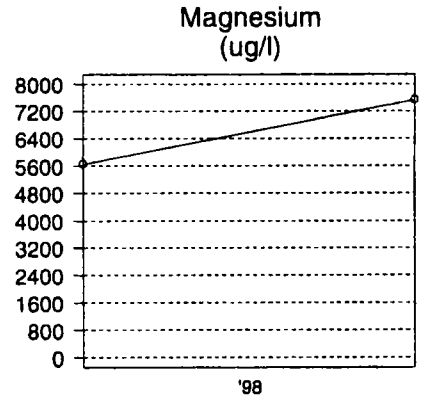
Well 13 of 14

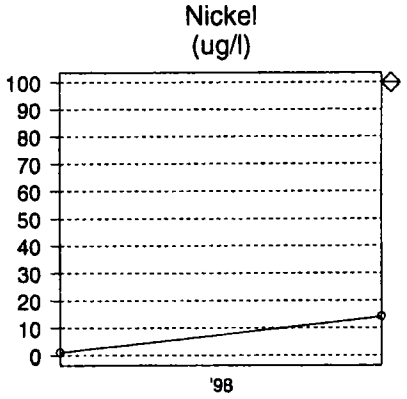
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

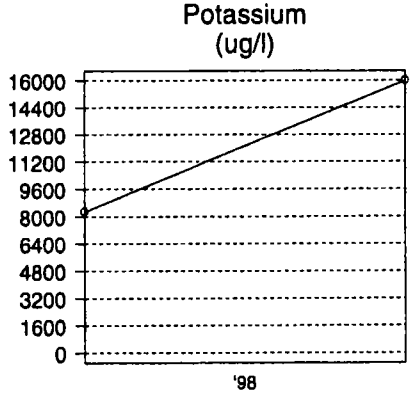


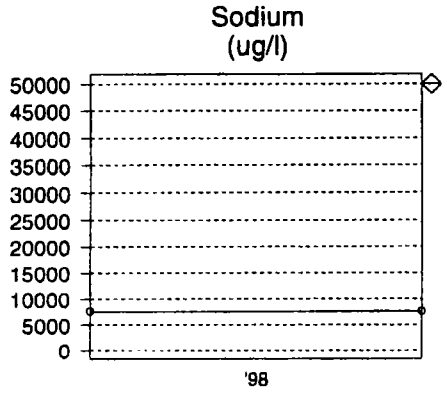


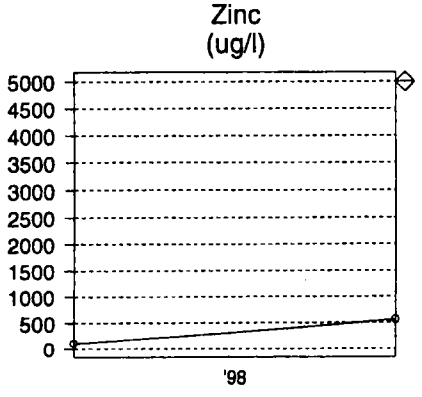


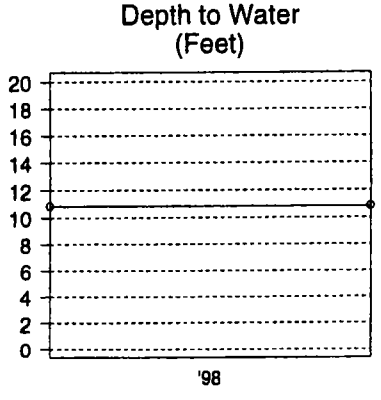












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	NLE	NLE	-
10/19/98	FMETL	9.04	9.93	486	4280	22.5	2.94	23.1	24600	1750	V,S,P,M
11/02/98	FMETL	5.21	2.85	3670	20600	47.4	4.47	58.6	45300	4300	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

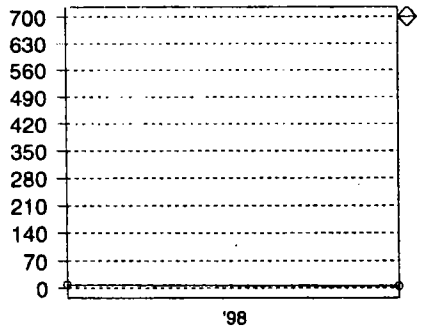
FORT MONMOUTH

GW MONITORING
Bldg M-2

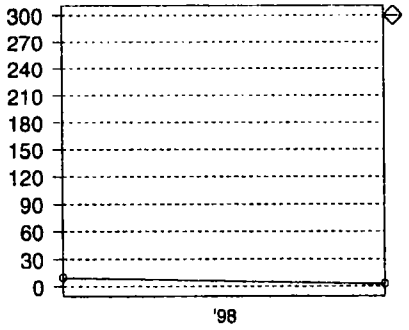
Well 14 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

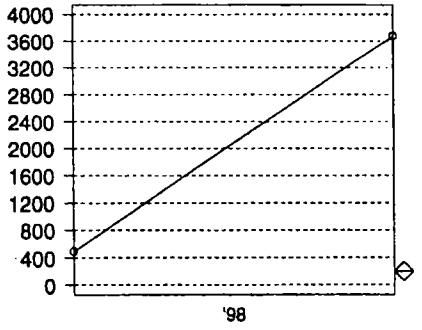
Acetone
(ug/l)



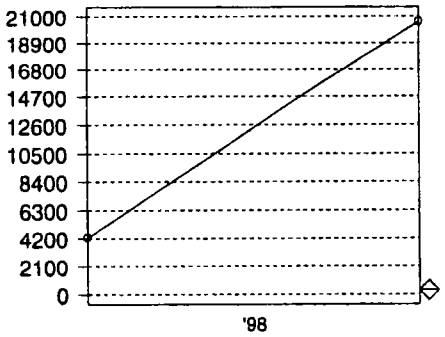
2-Butanone
(ug/l)



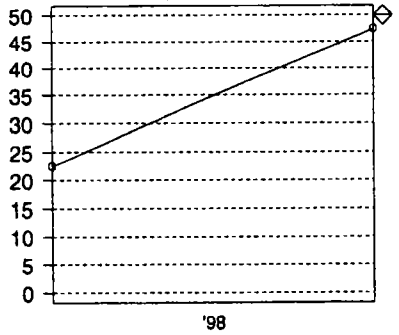
Aluminum
(ug/l)



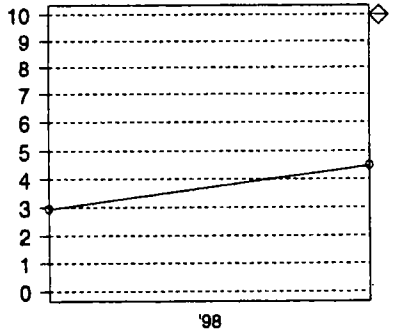
Iron
(ug/l)



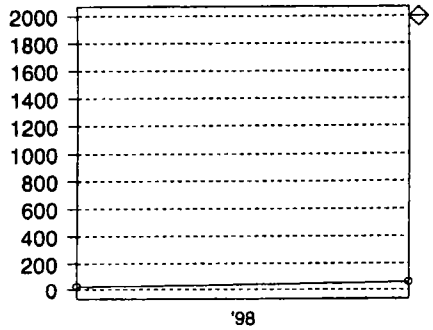
Manganese
(ug/l)



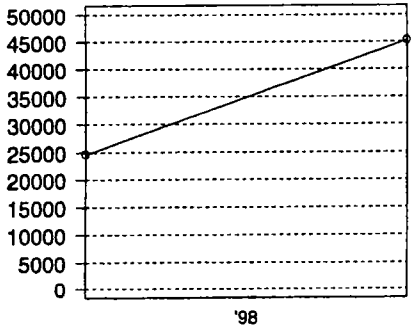
Lead
(ug/l)



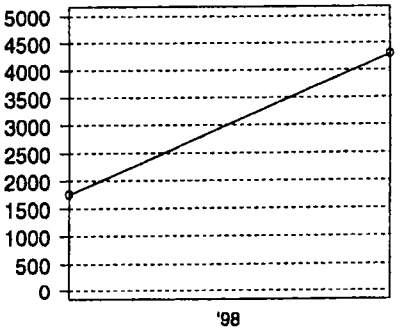
Barium
(ug/l)



Calcium
(ug/l)



Magnesium
(ug/l)



SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 14 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	1.26	3290	3870	20.1	8.24					V,S,P,M
11/02/98	FMETL	4.86	9530	7600	38.4	8.24					V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

NOTES:

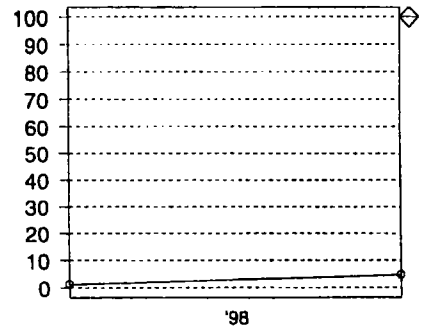
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

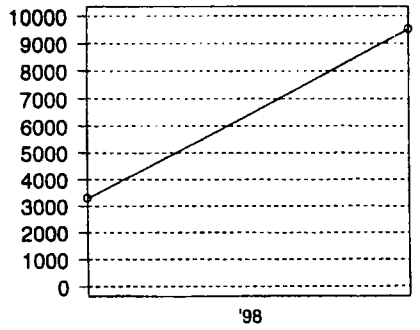
FORT MONMOUTH

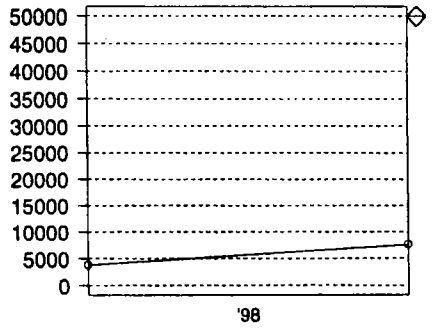
GW MONITORING
Bldg M-2

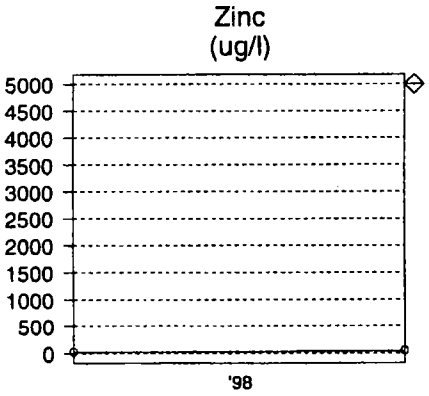
Well 14 of 14

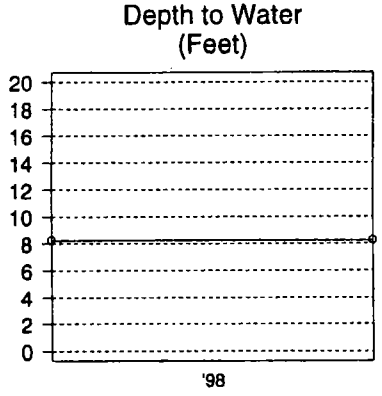
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 11/02/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 14 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-15-1999 c:\mtech46\fm\m-2\gw\m2.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4036.01	MW-01	29-32584	11/06/98
4036.04	MW-02	29-32585	11/06/98
4036.02	MW-03	29-32586	11/06/98
4036.03	MW-04	29-37988	11/06/98

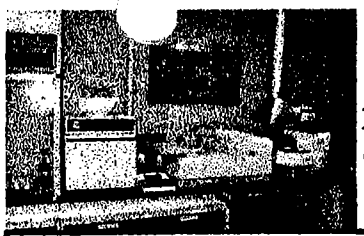
NJDEP Laboratory Certification # 13461

1-4-99
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 MW's 4th Qtr '98

Samplers Name / Company: Corey McCormack, TVS

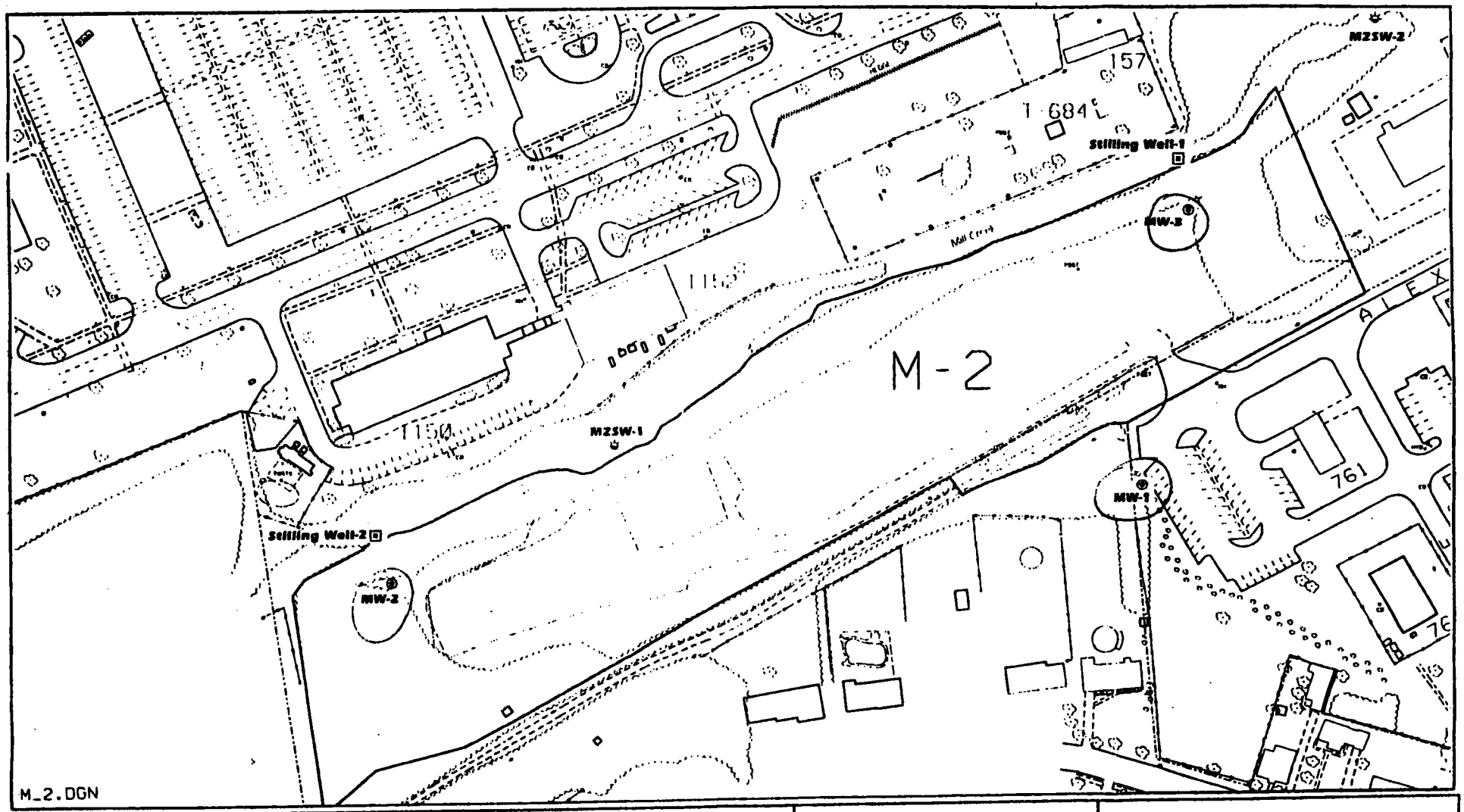
Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTLS	BNA+25	TAL MTLS	Pest / PCB				Haw Rad	Comments: Remarks / Preservation Method
4036. .01	MW# 01	11/6/98	1202	AQ	5	✓	✓	✓	✓				✓	0.2 ppm (2932884) HCL/HNO3/4°C
.02	MW# 03 A		1349		5	✓	✓	✓	✓				✓	3.8 ppm (2932586)
.03	MW# 04		~~1406~~ 1436		5	✓	✓	✓	✓				✓	1.0 ppm (2937888)
.04	MW# 02		1449		5	✓	✓	✓	✓				✓	1.2 ppm (2932585)
.05	Dupe	↓	—	↓	5	✓	✓	✓	✓					

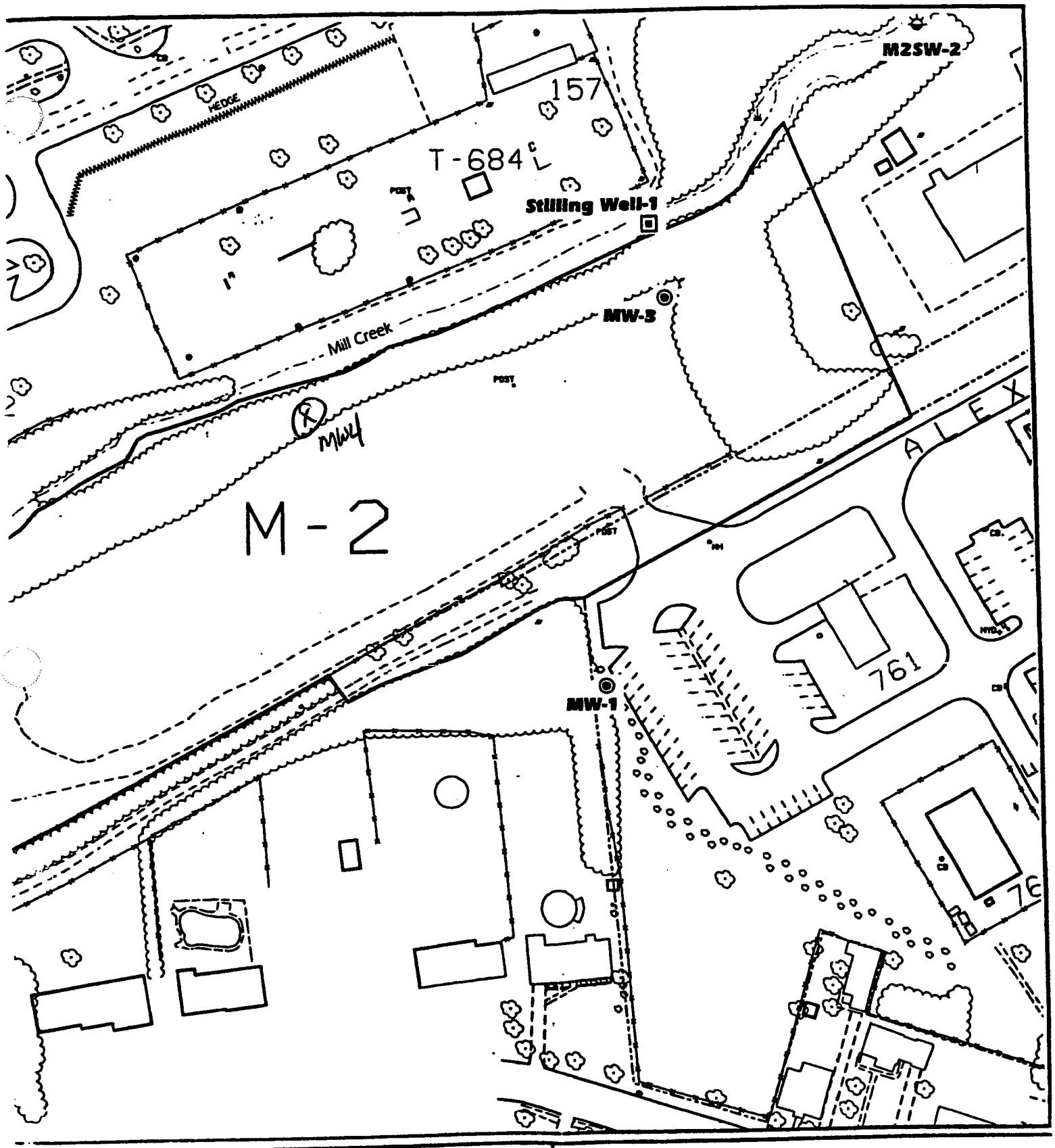
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/6/98 1515				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks: Tide: Low
Shows blank/Trip Rum 1122 on same date
Shows dupe w/ M-2 same date

coc.XLS10/26/98


M-2
MZSW-1
MZSW-2
MW-1
MW-2
MW-3
Stilling Well-1
Stilling Well-2
Mill Creek
1684
1150
761
M_2.DGN
LEGEND
Monitor Well
Existing Surface Water Sampling Location
Stilling Well
Road (paved)
Road/Trail (unpaved)
Fence
Building
Wooded Area
Tree/Bush
Light Pole
Utility Pole
Site
Brook/Creek
Base Boundary
0
100
200
SCALE IN FEET
Fort Monmouth, Main Post
FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS



Fort Monmouth, Main Post

FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS

95P-3183

6/23/95

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02067.d**
Operator **Skelton**
Date Acquired **10 Nov 98 3:32 pm**

Sample Name **VBLK64**
Field ID **VBLK64**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk64**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: VBLK64

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02067.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/10/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02086.d**
Operator **Skelton**
Date Acquired **11 Nov 98 5:55 am**

Sample Name **4036.01**
Field ID **MW#01**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43 2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW #01

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4036.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02086.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/11/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02087.d**
Operator **Skelton**
Date Acquired **11 Nov 98 6:39 am**

Sample Name **4036.02**
Field ID **MW#03**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	232328	1.78 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.71	1179472	11.90 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.72	194310	2.38 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW #03

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4036.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02087.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/11/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	33.38	8	JN
2. 000496-11-7	Indane	35.44	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02088.d**
Operator **Skelton**
Date Acquired **11 Nov 98 7:24 am**

Sample Name **4036.03**
Field ID **MW#04**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW #04

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4036.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02088.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/11/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02089.d**
Operator **Skelton**
Date Acquired **11 Nov 98 8:09 am**

Sample Name **4036.04**
Field ID **MW#02**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	357946	2.73 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.71	4386955	44.00 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	34.46	109617	1.37 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.71	247928	3.01 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: MW #02

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4036.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02089.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/11/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02092.d**
Operator **Skelton**
Date Acquired **11 Nov 98 10:23 am**

Sample Name **4036.05**
Field ID **Dupe**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	20.03	241090	1.81 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.71	1212613	11.86 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.71	199800	2.37 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4036 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4036.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02092.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: not dec. _____ Date Analyzed: 11/11/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000526-73-8	Benzene, 1,2,3-trimethyl-	33.38	8	JN
2. 000496-11-7	Indane	35.44	5	JN

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bna01300.d	Sample Name	Sblk163
Operator	Skelton	Misc Info	Sblk163 A 981112
Date Acquired	19 Nov 1998 6:26 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**bna01300.d**	Sample Name	**Sblk163**
Operator	**Skelton**	Misc Info	**Sblk163 A 981112**
Date Acquired	**19 Nov 1998 6:26 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range
D = Value from dilution
B = Compound in related blank
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Sblk163

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk163

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01300.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	23.22	9	JN
2.	unknown	26.38	19	J

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bna01326.d	Sample Name	4036.01
Operator	Skelton	Misc Info	MW#01
Date Acquired	20 Nov 1998 2:47 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

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Data File Name	**bna01326.d**	Sample Name	**4036.01**
Operator	**Skelton**	Misc Info	**MW#01**
Date Acquired	**20 Nov 1998 2:47 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#01

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4036.01

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01326.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	23.22	10	JN
2.	unknown	23.50	9	J
3.	unknown	26.38	23	J

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**bna01327.d**	Sample Name	**4036.02**
Operator	**Skelton**	Misc Info	**MW#03**
Date Acquired	**20 Nov 1998 3:29 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)[A]	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

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Data File Name	**bna01327.d**	Sample Name	**4036.02**
Operator	**Skelton**	Misc Info	**MW#03**
Date Acquired	**20 Nov 1998 3:29 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#03

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4036.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01327.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000104-76-7	1-Hexanol, 2-ethyl-	7.94	9	JN
2.	unknown	26.38	16	J

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Data File Name	bna01336.d	Sample Name	4036.03
Operator	Skelton	Misc Info	MW#04
Date Acquired	20 Nov 1998 9:46 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

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Data File Name	**bna01336.d**	Sample Name	**4036.03**
Operator	**Skelton**	Misc Info	**MW#04**
Date Acquired	**20 Nov 1998 9:46 am**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#04

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4036.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01336.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	23.24	32	J
2.	unknown	26.40	70	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	bna01329.d	Sample Name	4036.04
Operator	Skelton	Misc Info	MW#02
Date Acquired	20 Nov 1998 4:52 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)[a]	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bna01329.d	Sample Name	4036.04
Operator	Skelton	Misc Info	MW#02
Date Acquired	20 Nov 1998 4:52 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

MW#02

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4036.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01329.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	23.24	30	JN
2.	unknown	26.40	70	J

Semi-Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **bna01330.d**
Operator **Skelton**
Date Acquired **20 Nov 1998 5:34 am**

Sample Name **4036.05**
Misc Info **Dupe**
Sample Multiplier **1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)[a]	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	2.52	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	2.64	ug/L	
62-53-3	Aniline			not detected	NLE	2.90	ug/L	
108-95-2	Phenol			not detected	4000	1.11	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	2.45	ug/L	
95-57-8	2-Chlorophenol			not detected	40	1.92	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.65	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.50	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	2.09	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	2.44	ug/L	
	2-Methylphenol			not detected	NLE	2.09	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	2.96	ug/L	
	4-Methylphenol			not detected	NLE	1.72	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	2.22	ug/L	
67-72-1	Hexachloroethane			not detected	10	2.59	ug/L	
98-95-3	Nitrobenzene			not detected	10	2.45	ug/L	
78-59-1	Isophorone			not detected	100	2.31	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.72	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.42	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	2.54	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.79	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.71	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	2.58	ug/L	
91-20-3	Naphthalene			not detected	NLE	3.03	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	2.55	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.64	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.46	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	2.49	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.59	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.66	ug/L	
	2,4,5-Trichlorophenol			not detected	700	1.63	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	2.15	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	1.62	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	2.74	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	2.35	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	1.54	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	1.62	ug/L	
83-32-9	Acenaphthene			not detected	400	1.98	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.65	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	2.13	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.31	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	bna01330.d	Sample Name	4036.05
Operator	Skelton	Misc Info	Dupe
Date Acquired	20 Nov 1998 5:34 am	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	1.22	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.68	ug/L	
86-73-7	Fluorene			not detected	300	1.93	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.53	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	2.70	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.58	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.73	ug/L	
103-33-3	Azobenzene			not detected	NLE	1.92	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	1.54	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	1.88	ug/L	
87-86-5	Pentachlorophenol			not detected	1	0.55	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.67	ug/L	
120-12-7	Anthracene			not detected	2000	1.79	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.83	ug/L	
206-44-0	Fluoranthene			not detected	300	1.85	ug/L	
92-87-5	Benzidine			not detected	50	4.11	ug/L	
129-00-0	Pyrene			not detected	200	1.02	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.15	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.57	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	2.28	ug/L	
218-01-9	Chrysene			not detected	20	2.32	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.29	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.30	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.31	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.57	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.36	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	1.22	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	3.12	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	1.13	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E = Value exceeded linear range

D = Value from dilution

B = Compound in related blank

PQL = Practical Quantitation Limit

MDL = Method Detection Limit

NLE = No Limit Established

R.T. = Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Dupe

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4036 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4036.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA01330.D

Level: (low/med) LOW Date Received: 11/06/98

% Moisture: decanted: (Y/N) N Date Extracted: 11/12/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.37	12	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK238
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/1/98
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4036.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/6/98
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4036.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/6/98
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4036.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/6/98
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4036.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/6/98
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	MW-02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4036.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	11/6/98
	Bldg. 173	**Extraction Date:**	11/10/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/2/98
Analysis:	EPA Method 608	**Location :**	M-2
Matrix:	Aqueous		
	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036
Sample Prepared: 12/01/98

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	46.3	200	10.0
Antimony	12/01/98	2.50	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	1.61	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	ND	4	0.5
Calcium	12/01/98	110	NLE	20.0
Chromium	12/01/98	ND	100	0.5
Cobalt	12/01/98	ND	NLE	0.5
Copper	12/01/98	ND	1000	3.0
Iron	12/01/98	84.3	300	10.0
Lead	12/01/98	ND	10	2.0
Magnesium	12/01/98	87.1	NLE	20.0
Manganese	12/01/98	ND	50	0.5
Mercury	11/12/98	ND	2	0.1
Nickel	12/01/98	1.10	100	0.5
Potassium	12/01/98	31.3	NLE	20.0
Selenium	12/01/98	ND	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	1020	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	ND	NLE	1.0
Zinc	12/01/98	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036.01
Sample Received: 11/06/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW#01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	402	200	10.0
Antimony	12/01/98	ND	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	67.6	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	6.23	4	0.5
Calcium	12/01/98	12200	NLE	20.0
Chromium	12/01/98	1.40	100	0.5
Cobalt	12/01/98	5.25	NLE	0.5
Copper	12/01/98	ND	1000	3.0
Iron	12/01/98	1480	300	10.0
Lead	12/01/98	6.95	10	2.0
Magnesium	12/01/98	4330	NLE	20.0
Manganese	12/01/98	84.1	50	0.5
Mercury	11/12/98	ND	2	0.1
Nickel	12/01/98	20.9	100	0.5
Potassium	12/01/98	5490	NLE	20.0
Selenium	12/01/98	ND	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	11000	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	1.22	NLE	1.0
Zinc	12/01/98	1410	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036.04
Sample Received: 11/06/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW #02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	48.2	200	10.0
Antimony	12/01/98	2.76	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	229	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	0.913	4	0.5
Calcium	12/01/98	68300	NLE	20.0
Chromium	12/01/98	4.53	100	0.5
Cobalt	12/01/98	ND	NLE	0.5
Copper	12/01/98	24.7	1000	3.0
Iron	12/01/98	33700	300	10.0
Lead	12/01/98	ND	10	2.0
Magnesium	12/01/98	6650	NLE	20.0
Manganese	12/01/98	262	50	0.5
Mercury	11/12/98	ND	2	0.1
Nickel	12/01/98	2.47	100	0.5
Potassium	12/01/98	10300	NLE	20.0
Selenium	12/01/98	4.14	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	9910	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	1.31	NLE	1.0
Zinc	12/01/98	5.83	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036.02
Sample Received: 11/06/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW#03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	66.3	200	10.0
Antimony	12/01/98	ND	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	114	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	ND	4	0.5
Calcium	12/01/98	111000	NLE	20.0
Chromium	12/01/98	4.40	100	0.5
Cobalt	12/01/98	ND	NLE	0.5
Copper	12/01/98	ND	1000	3.0
Iron	12/01/98	13700	300	10.0
Lead	12/01/98	2.83	10	2.0
Magnesium	12/01/98	12000	NLE	20.0
Manganese	12/01/98	586	50	0.5
Mercury	11/12/98	ND	2	0.1
Nickel	12/01/98	2.88	100	0.5
Potassium	12/01/98	22100	NLE	20.0
Selenium	12/01/98	6.65	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	28600	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	1.25	NLE	1.0
Zinc	12/01/98	11.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036.03
Sample Received: 11/04/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: MW #04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	209	200	10.0
Antimony	12/01/98	ND	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	132	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	1.47	4	0.5
Calcium	12/01/98	36300	NLE	20.0
Chromium	12/01/98	3.78	100	0.5
Cobalt	12/01/98	ND	NLE	0.5
Copper	12/01/98	ND	1000	3.0
Iron	12/01/98	23900	300	10.0
Lead	12/01/98	3.27	10	2.0
Magnesium	12/01/98	5230	NLE	20.0
Manganese	12/01/98	180	50	0.5
Mercury	11/12/98	0.2	2	0.1
Nickel	12/01/98	4.16	100	0.5
Potassium	12/01/98	7470	NLE	20.0
Selenium	12/01/98	ND	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	8050	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	1.61	NLE	1.0
Zinc	12/01/98	51.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4036.05
Sample Received: 11/06/98
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	12/01/98	58.9	200	10.0
Antimony	12/01/98	ND	20	2.0
Arsenic	12/01/98	ND	8	2.0
Barium	12/01/98	119	2000	0.5
Beryllium	12/01/98	ND	20	0.5
Cadmium	12/01/98	ND	4	0.5
Calcium	12/01/98	103000	NLE	20.0
Chromium	12/01/98	6.40	100	0.5
Cobalt	12/01/98	ND	NLE	0.5
Copper	12/01/98	16.8	1000	3.0
Iron	12/01/98	14200	300	10.0
Lead	12/01/98	ND	10	2.0
Magnesium	12/01/98	11500	NLE	20.0
Manganese	12/01/98	580	50	0.5
Mercury	11/12/98	ND	2	0.1
Nickel	12/01/98	2.75	100	0.5
Potassium	12/01/98	20900	NLE	20.0
Selenium	12/01/98	5.93	50	3.0
Silver	12/01/98	ND	20	3.0
Sodium	12/01/98	27400	50000	20.0
Thallium	12/01/98	ND	10	3.0
Vanadium	12/01/98	1.35	NLE	1.0
Zinc	12/01/98	10.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	30	200	300	50	10	20	2000	4	-
05/02/97	FMETL	ND	ND	360	100	150	ND	17	-	-	V,S,P,M
08/06/97	FMETL	ND	ND	236.3	400	128	ND	ND	-	-	V,S,P,M
10/23/97	FMETL	6.45	ND	344	488	78	11	ND	63.8	1.6	V,S,P,M
02/11/98	FMETL	29.1	1.89	578	500	120	ND	ND	53.3	3.5	V,S,P,M
04/23/98	FMETL	ND	ND	239	233	73.1	ND	ND	57.2	2.5	V,S,P,M
07/22/98	FMETL	ND	1.25	2480	7790	83.6	ND	ND	83.1	2.5	V,S,P,M
11/06/98	FMETL	ND	ND	402	1480	84.1	6.95	ND	67.6	6.23	V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 11/06/98

NOTES:

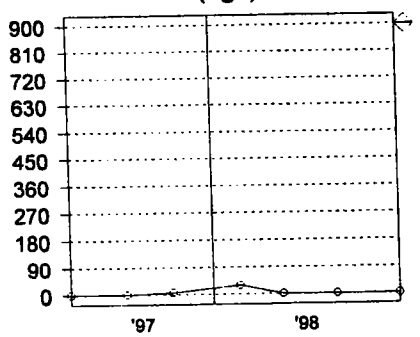
Silver in blank > GW Criteria for May 97.

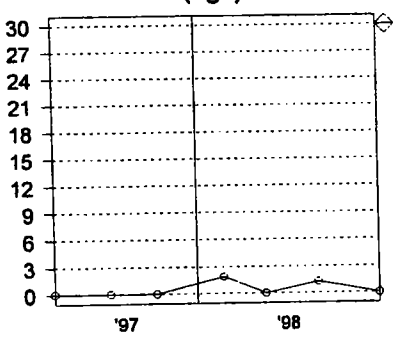
FORT MONMOUTH

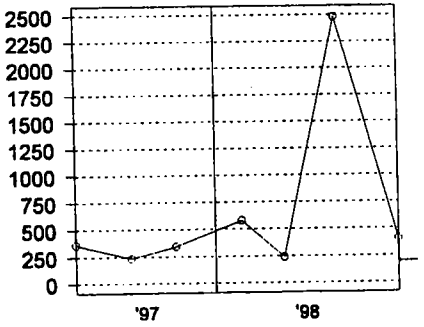
GW MONITORING
Bldg M-2

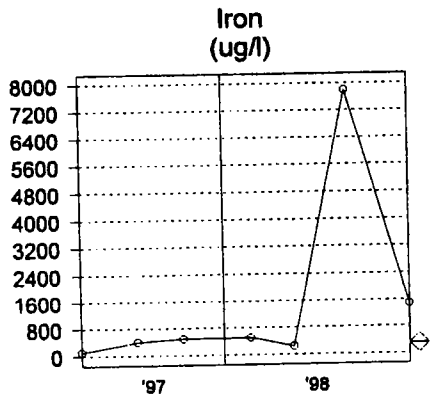
Well 1 of 4

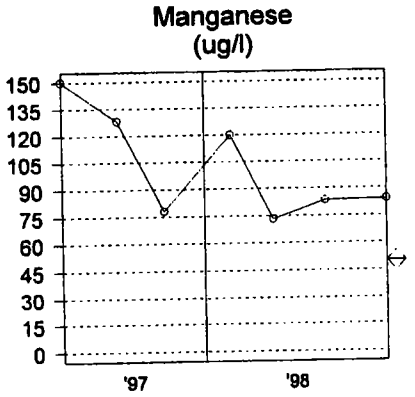
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

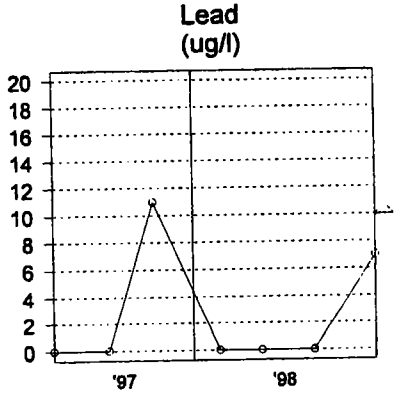


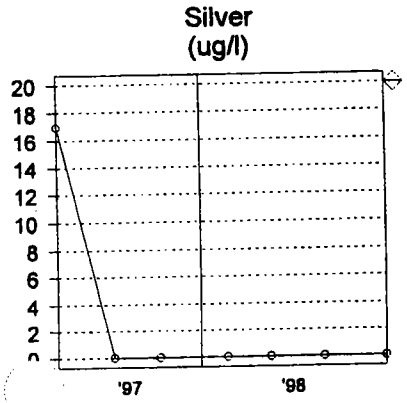


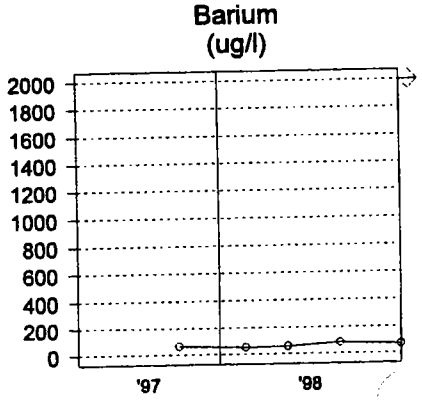


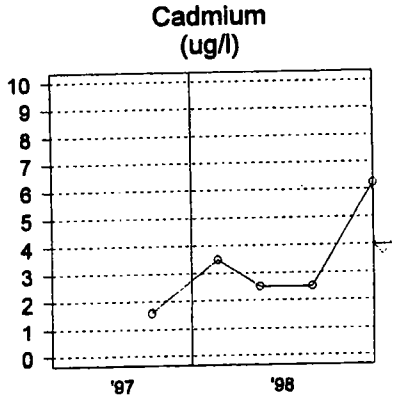












SOURCE: MW1

Sampling Dates:
05/02/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\ .wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l				-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000				-
05/02/97	FMETL	-	-	-	-	-	-				V,S,P,M
08/06/97	FMETL	-	-	-	-	-	-				V,S,P,M
10/23/97	FMETL	12680	4670	16.9	5020	9040	646				V,S,P,M
02/11/98	FMETL	15460	3710	17.9	5520	9290	1917				V,S,P,M
04/23/98	FMETL	10090	1739	9.7	5217	6370	785				V,S,P,M
07/22/98	FMETL	12600	4100	16.2	8610	10500	640				V,S,P,M
11/06/98	FMETL	12200	4330	20.9	5490	11000	1410				V,S,P,M

SOURCE: MW1

Sampling Dates:
05/02/97 - 11/06/98

NOTES:

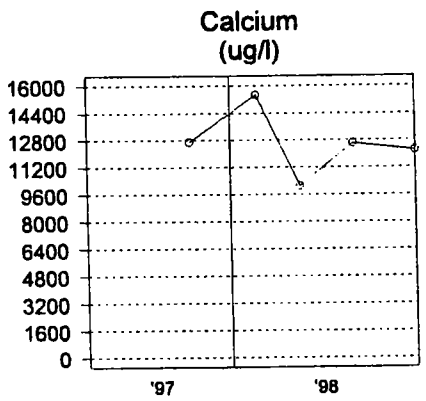
Silver in blank > GW Criteria for May 97.

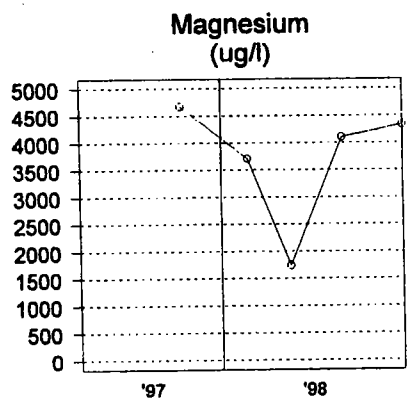
FORT MONMOUTH

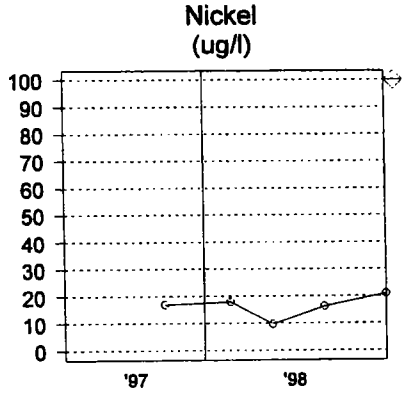
GW MONITORING
Bldg M-2

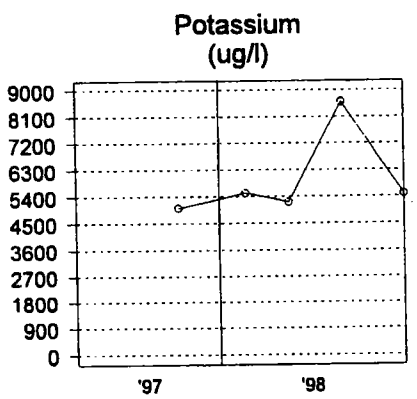
Well 1 of 4

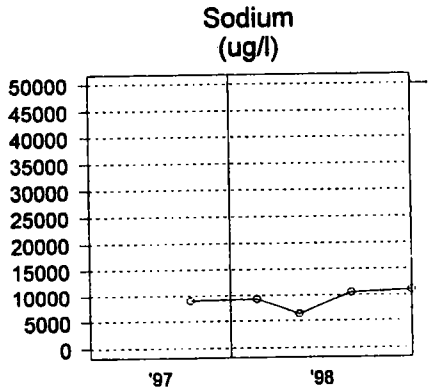
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

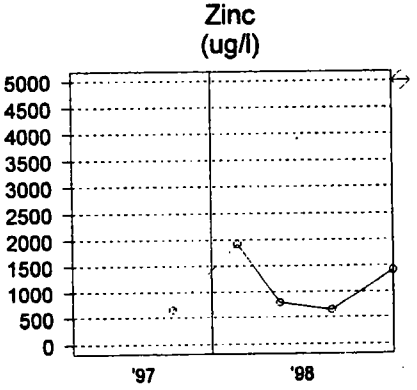












SOURCE: MW1

Sampling Dates:
05/02/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\gw...

	Lab	Carbon Disulfide	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	1,2-Di chloro benzene	1,3-Di chloro benzene	1,4-Di chloro benzene	Aluminum	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	1	4	900	30	600	600	75	200	-
05/08/97	FMETL	1.3	ND	18	ND	ND	ND	ND	ND	49	V,S,P,M
08/06/97	FMETL	ND	1.36	18.56	ND	ND	ND	ND	ND	51.7	V,S,P,M
10/23/97	FMETL	ND	ND	10.9	3.75	ND	ND	ND	ND	107	V,S,P,M
02/11/98	FMETL	ND	ND	7.39	29.0	17.0	ND	ND	ND	129	V,S,P,M
04/23/98	FMETL	ND	3.12	24.07	ND	ND	ND	ND	ND	108	V,S,P,M
07/22/98	FMETL	ND	6.44	36.51	ND	ND	1.35	1.65	4.02	44.7	V,S,P,M
11/06/98	FMETL	ND	2.73	44	ND	ND	ND	1.37	3.01	48.2	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

NOTES:

Silver in blank > GW Criteria for May 97.

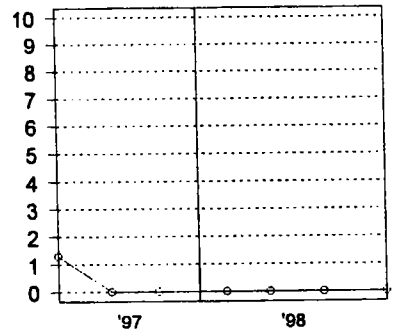
FORT MONMOUTH

GW MONITORING
Bldg M-2

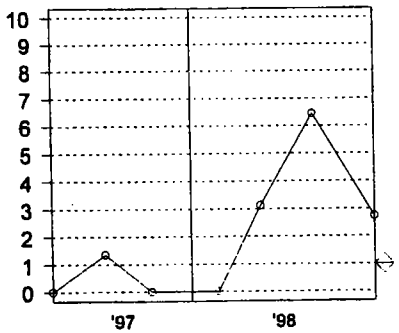
Well 2 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

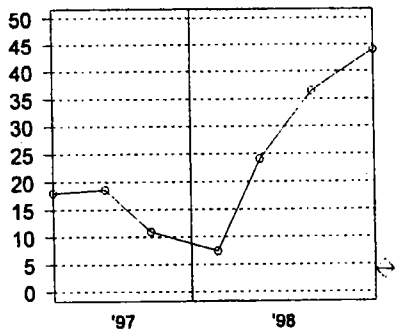
Carbon Disulfide
(ug/l)



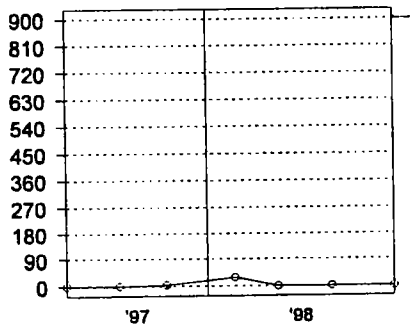
Benzene
(ug/l)



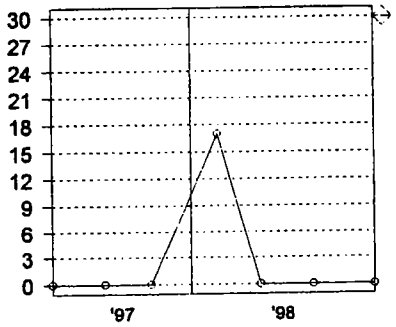
Chlorobenzene
(ug/l)



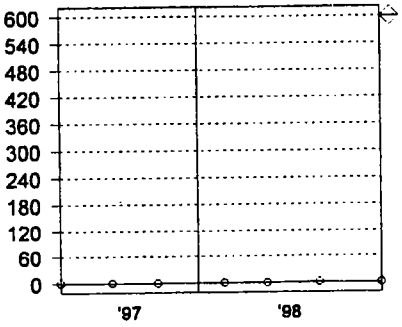
Di-n-butylphthalate
(ug/l)



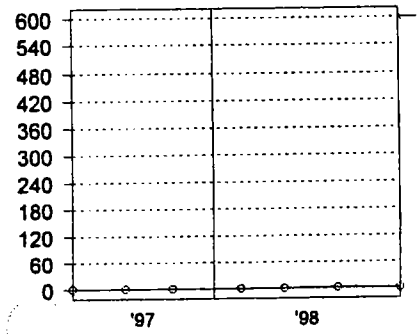
bis(2-Ethylhexyl)phthalate
(ug/l)



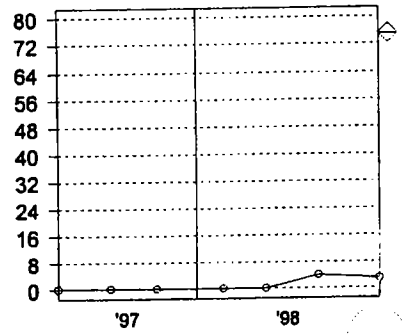
1,2-Dichlorobenzene
(ug/l)



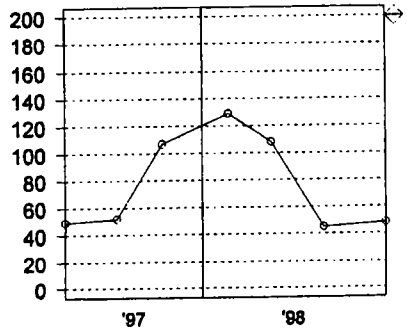
1,3-Dichlorobenzene
(ug/l)



1,4-Dichlorobenzene
(ug/l)



Aluminum
(ug/l)



SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech48\fm\m-2\...wsf

	Lab	Iron	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	50	10	20	2000	4	NLE	NLE	100	-
05/08/97	FMETL	35000	260	ND	41	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	82680	474	ND	ND	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	16200	145	7.0	ND	120	ND	62570	5470	1.8	V,S,P,M
02/11/98	FMETL	22500	157	ND	ND	171	ND	66770	5930	3.9	V,S,P,M
04/23/98	FMETL	76160	282	ND	ND	354	1.1	75020	7788	2.1	V,S,P,M
07/22/98	FMETL	26800	290	ND	ND	264	ND	88600	8540	2.06	V,S,P,M
11/06/98	FMETL	33700	262	ND	ND	229	0.913	68300	6650	2.47	V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

NOTES:

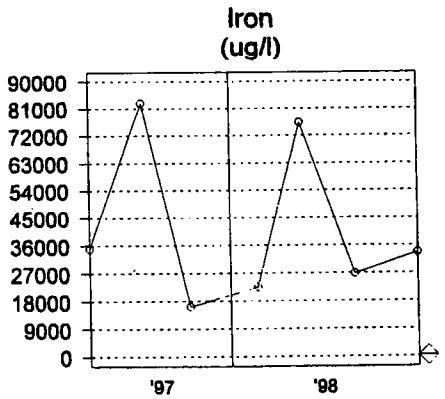
Silver in blank > GW Criteria for May 97.

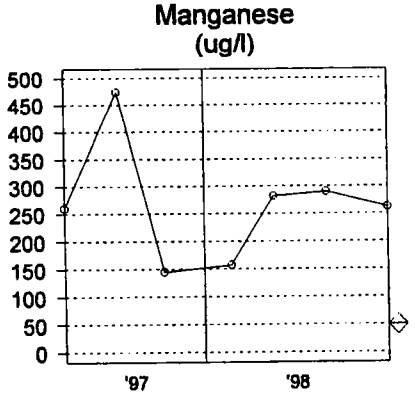
FORT MONMOUTH

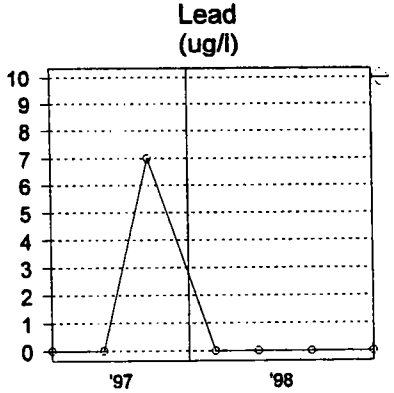
GW MONITORING
Bldg M-2

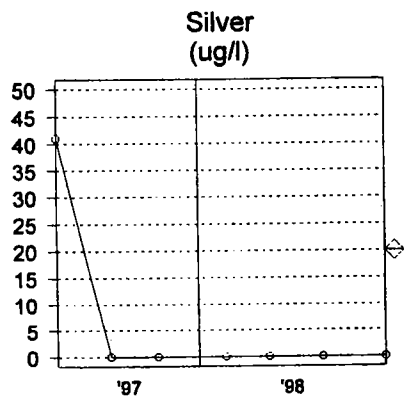
Well 2 of 4

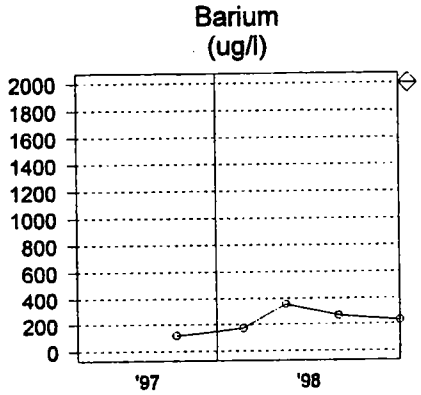
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

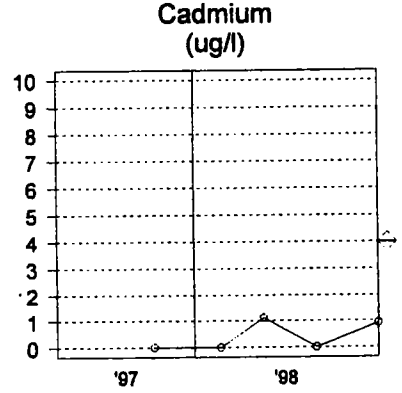


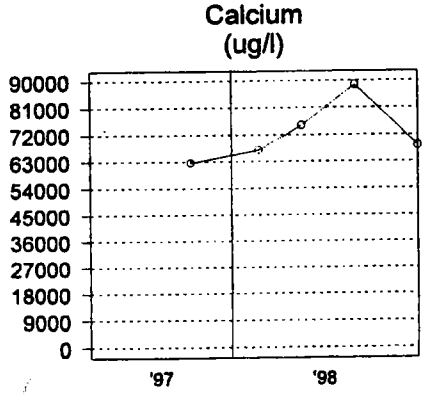


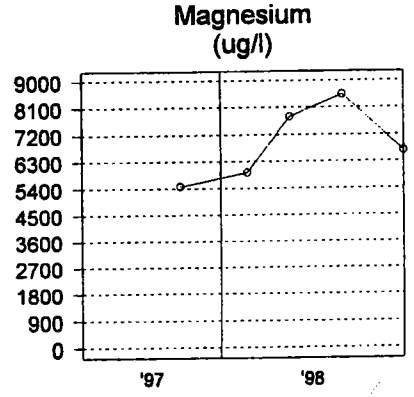


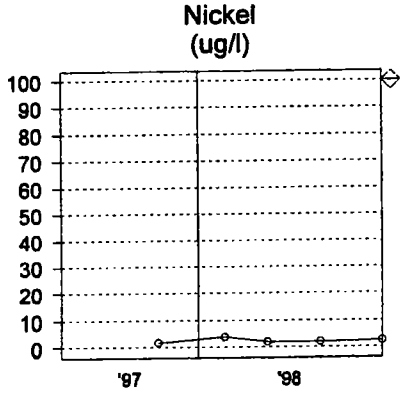












SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-[illegible].waf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
05/08/97	FMETL	-	-	-	10.20						V,S,P,M
08/06/97	FMETL	-	-	-	10.60						V,S,P,M
10/23/97	FMETL	6930	7820	63	10.90						V,S,P,M
02/11/98	FMETL	ND	7130	38	9.80						V,S,P,M
04/23/98	FMETL	24570	11880	7.6	9.84						V,S,P,M
07/22/98	FMETL	42900	12600	32.4	10.64						V,S,P,M
11/06/98	FMETL	10300	9910	5.83	10.73						V,S,P,M

SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

NOTES:

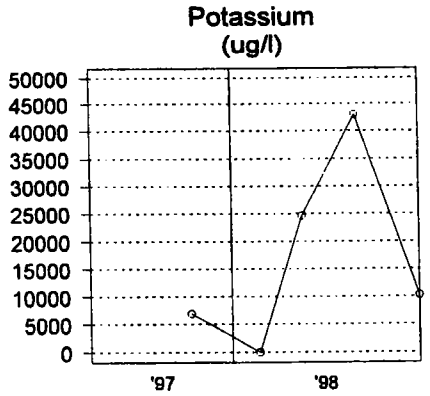
Silver in blank > GW Criteria for May 97.

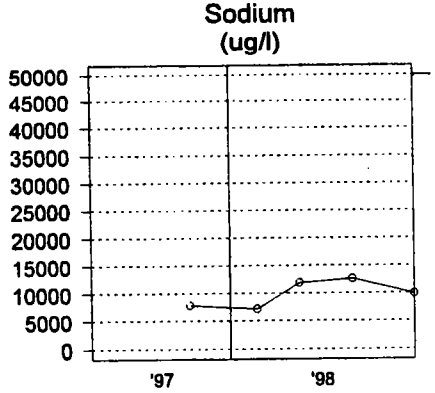
FORT MONMOUTH

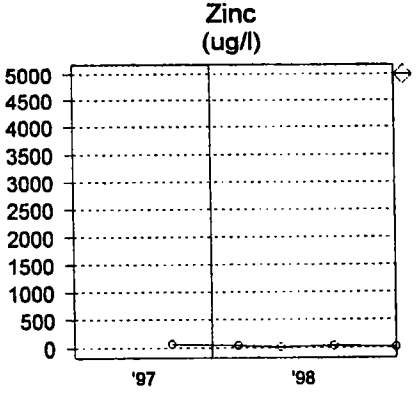
GW MONITORING
Bldg M-2

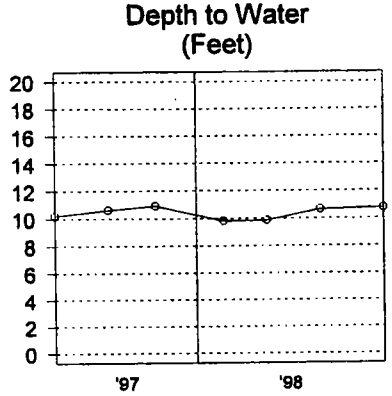
Well 2 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: MW2

Sampling Dates:
05/08/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\gw\

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	NLE	75	200	300	50	-
05/02/97	FMETL	ND	4.69	ND	ND	ND	ND	62	12200	500	V,S,P,M
08/06/97	FMETL	ND	1.49	2.20	ND	ND	ND	26	9300	511	V,S,P,M
10/23/97	FMETL	1.31	17.7	4.03	ND	ND	ND	145	10010	427	V,S,P,M
02/11/98	FMETL	3.78	78.8	39.7	ND	1.76	ND	256	39970	513	V,S,P,M
04/23/98	FMETL	4.26	107.81	ND	2.44	3.12	ND	58	69260	516	V,S,P,M
07/22/98	FMETL	ND	10.51	ND	ND	ND	ND	28.5	14500	395	V,S,P,M
11/06/98	FMETL	1.78	11.9	ND	ND	ND	2.38	66.3	13700	586	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

NOTES:

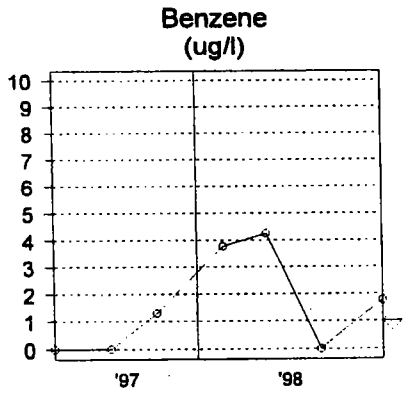
Silver in blank > GW Criteria for May 97.

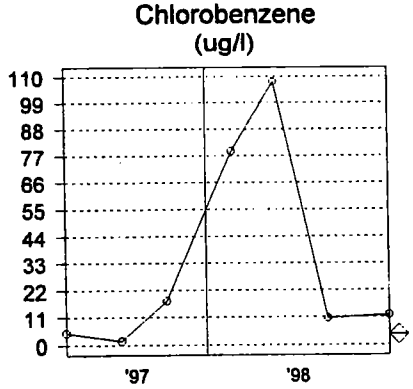
FORT MONMOUTH

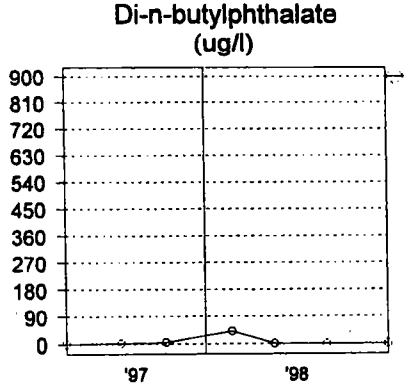
GW MONITORING
Bldg M-2

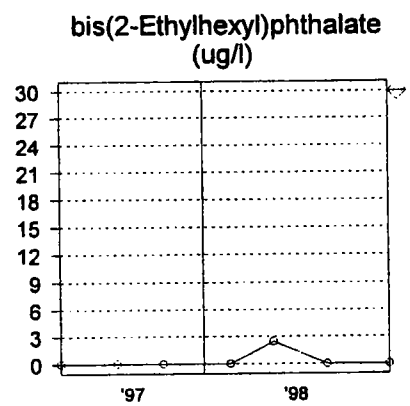
Well 3 of 4

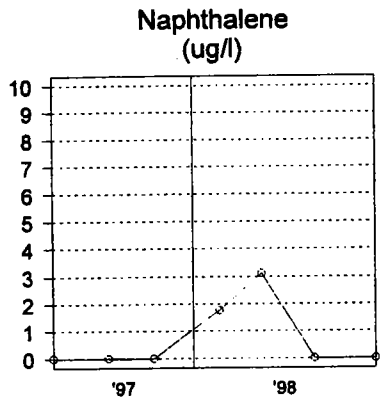
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

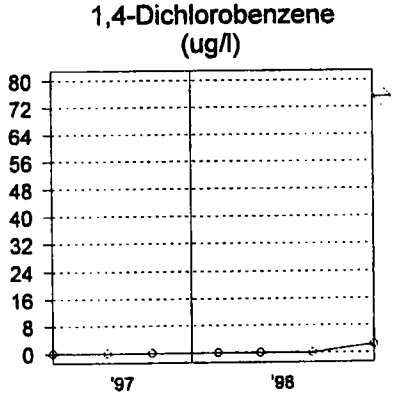


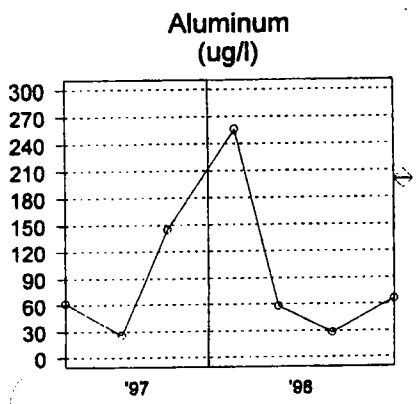


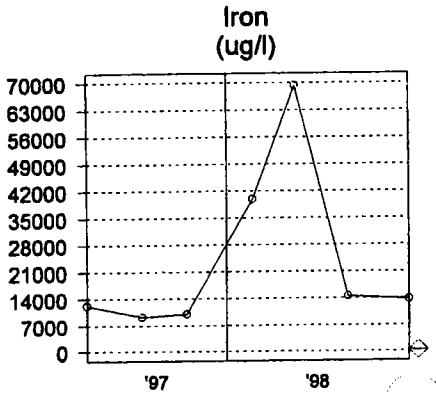


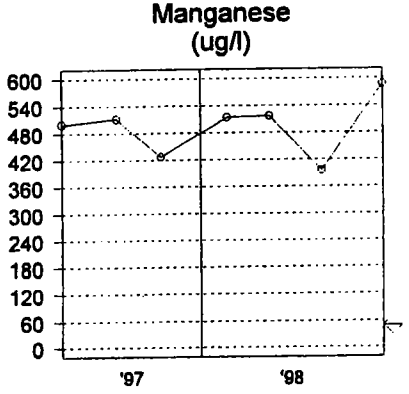












SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\...vsf

	Lab	Lead	Silver	Barium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	NLE	NLE	100	NLE	50000	5000	-
05/02/97	FMETL	ND	36	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	917	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	13	ND	47.4	64240	4780	1.7	9120	10300	71	V,S,P,M
02/11/98	FMETL	ND	ND	317	154300	11200	6	18580	18180	48	V,S,P,M
04/23/98	FMETL	2.8	ND	566	145200	9303	ND	17930	11200	ND	V,S,P,M
07/22/98	FMETL	ND	ND	86.4	72700	5010	0.566	11900	11600	31.1	V,S,P,M
11/06/98	FMETL	2.83	ND	114	111000	12000	2.88	22100	28600	11	V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

NOTES:

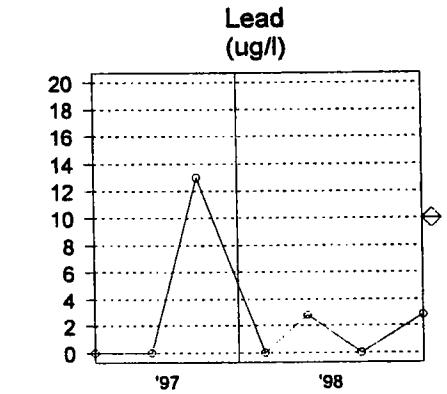
Silver in blank > GW Criteria for May 97.

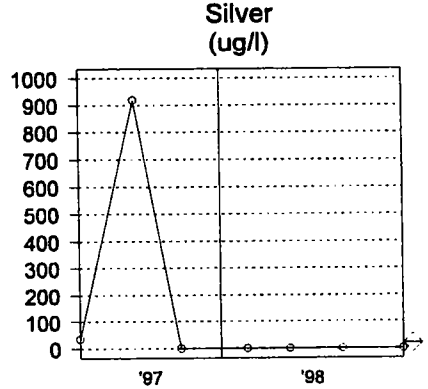
FORT MONMOUTH

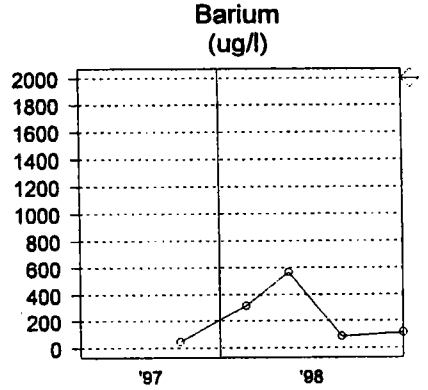
GW MONITORING
Bldg M-2

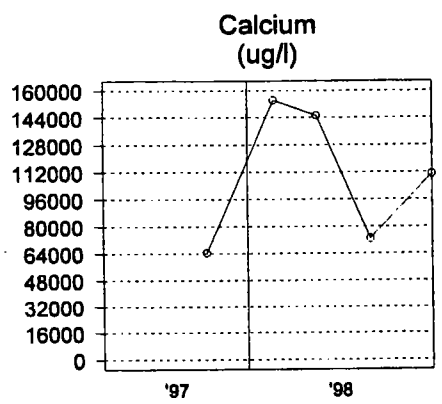
Well 3 of 4

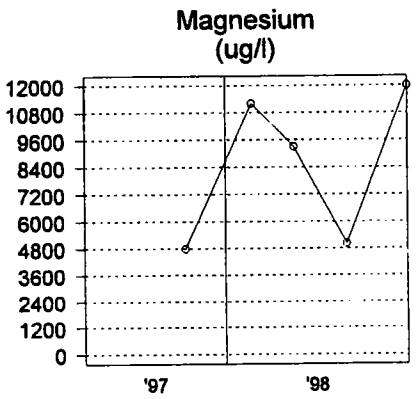
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

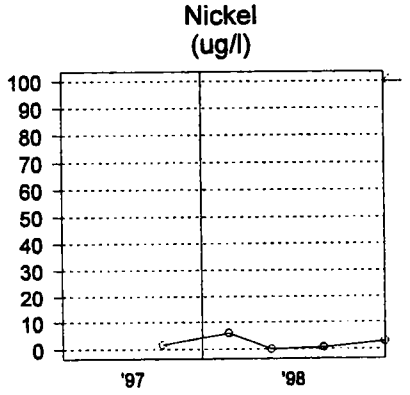


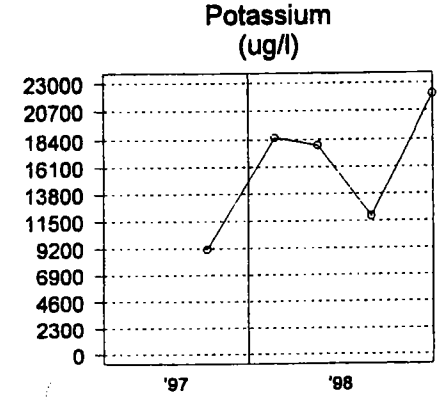


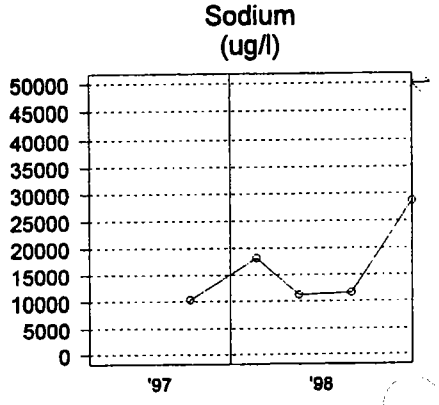


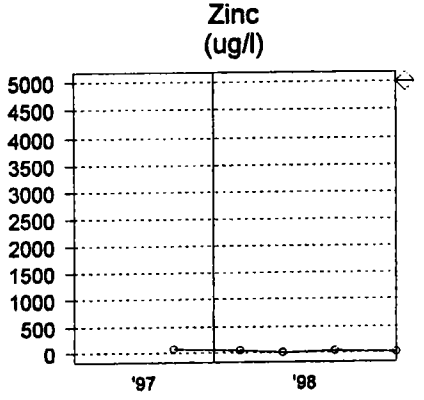












SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2 .wsf

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
05/02/97	FMETL	7.80									V,S,P,M
08/06/97	FMETL	8.20									V,S,P,M
10/23/97	FMETL	8.60									V,S,P,M
02/11/98	FMETL	7.40									V,S,P,M
04/23/98	FMETL	7.83									V,S,P,M
07/22/98	FMETL	6.67									V,S,P,M
11/06/98	FMETL	8.39									V,S,P,M

SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

NOTES:

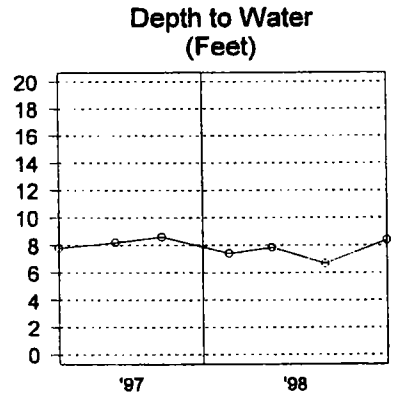
Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: MW3

Sampling Dates:
05/02/97 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech48\fm\m-2\gw\

	Lab	Chloro benzene	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	900	200	300	50	10	2000	4	NLE	-
02/11/98	FMETL	2.41	28.9	514	30140	534	ND	177	ND	5250	V,S,P,M
04/27/98	FMETL	ND	ND	ND	17800	757	ND	111	ND	33070	V,S,P,M
07/22/98	FMETL	1.29	ND	302	26300	3780	ND	131	ND	33700	V,S,P,M
11/06/98	FMETL	ND	ND	209	23900	180	3.27	132	1.47	36300	V,S,P,M

SOURCE: MW4

Sampling Dates:
02/11/98 - 11/06/98

NOTES:

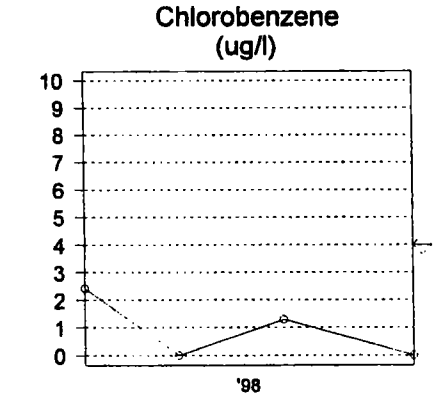
Silver in blank > GW Criteria for May 97.

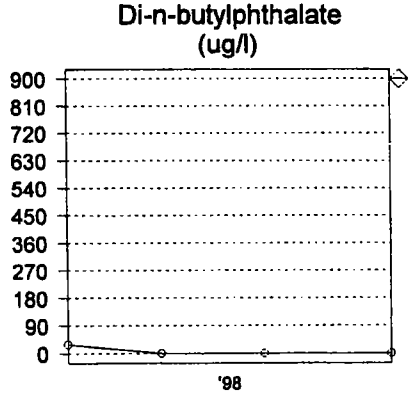
FORT MONMOUTH

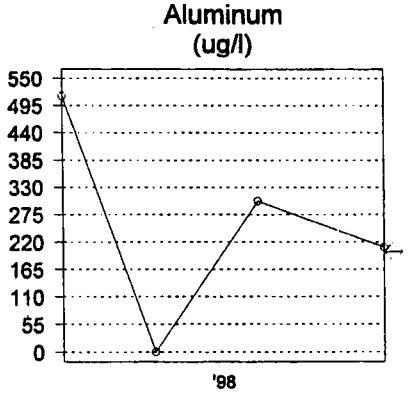
GW MONITORING
Bldg M-2

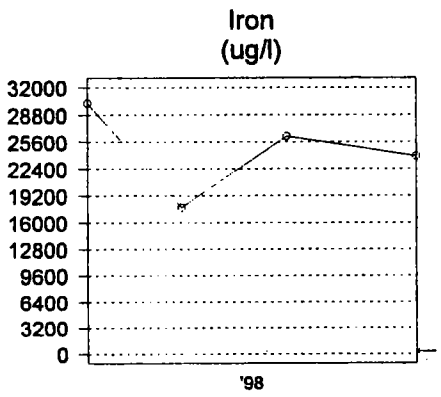
Well 4 of 4

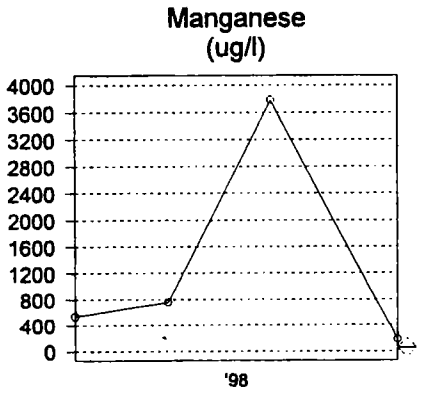
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

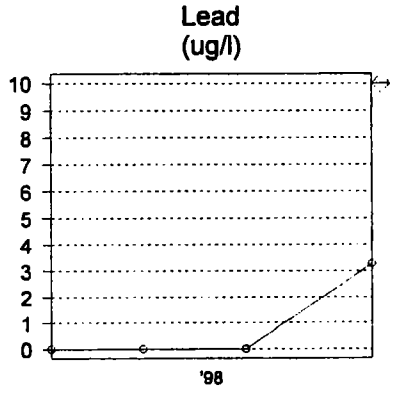


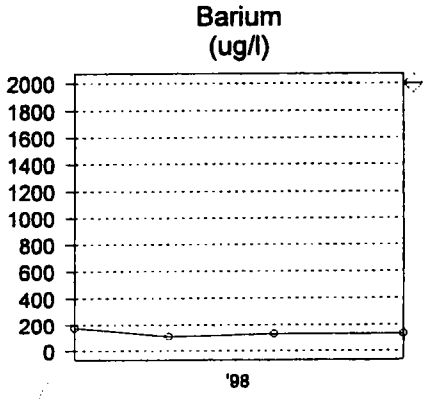


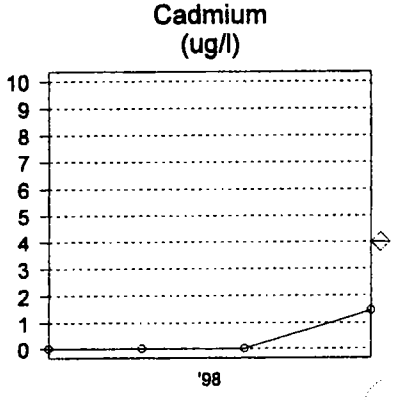


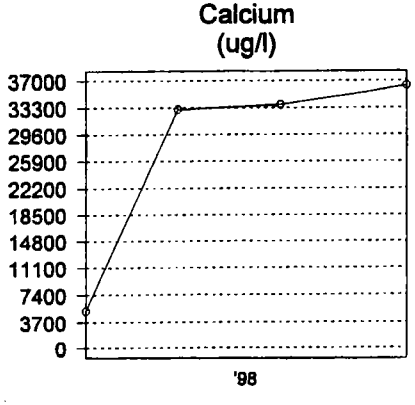












SOURCE: MW4

Sampling Dates:
02/11/98 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\gw

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
02/11/98	FMETL	6840	4.5	7700	7540	39	8.80				V,S,P,M
04/27/98	FMETL	5041	3.5	7929	8592	38.9	8.49				V,S,P,M
07/22/98	FMETL	3780	1.81	7670	8500	41.6	9.42				V,S,P,M
11/06/98	FMETL	5230	4.16	7470	8050	51.3	10.33				V,S,P,M

SOURCE: MW4

Sampling Dates:
02/11/98 - 11/06/98

NOTES:

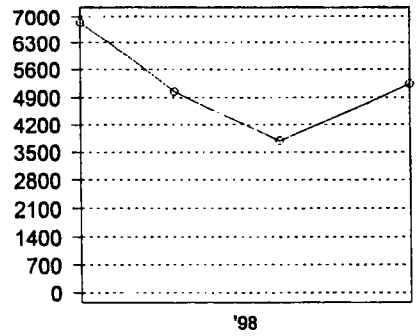
Silver in blank > GW Criteria for May 97.

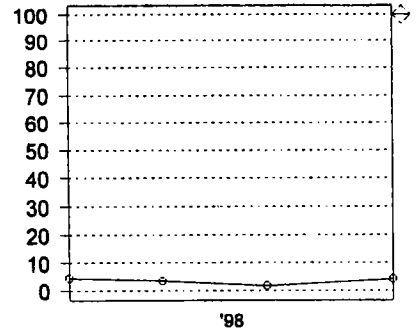
FORT MONMOUTH

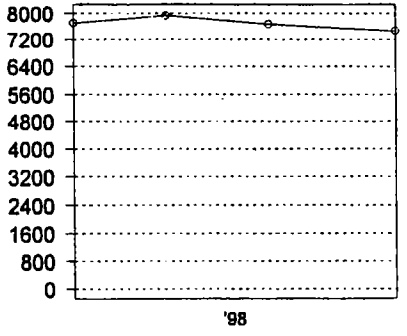
GW MONITORING
Bldg M-2

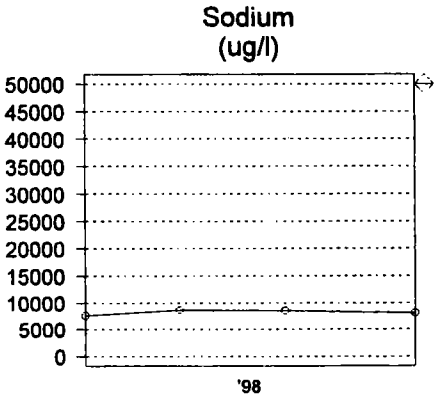
Well 4 of 4

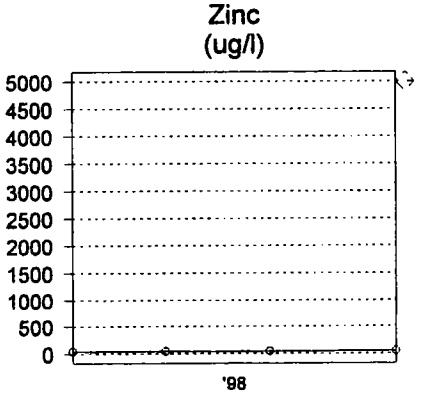
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

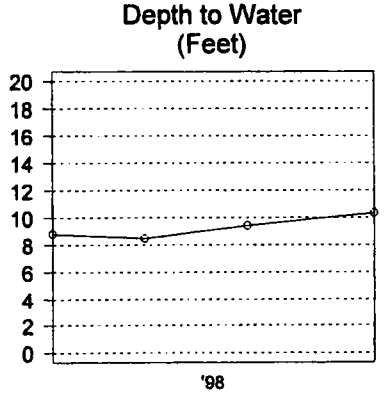












SOURCE: MW4

Sampling Dates:
02/11/98 - 11/06/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 4, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\m-2\gw

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4241.03	00M2MW01	29-32584	02/03/99
4241.04	00M2MW02	29-32585	02/03/99
4241.05	00M2MW03	29-32586	02/03/99
4241.06	00M2MW04	29-37988	02/03/99
4241.07	00M2MW05	29-39185	02/03/99
4241.08	00M2MW06	29-39184	02/03/99
4241.09	00M2MW07	29-39183	02/03/99
4241.10	00M2MW08	29-39182	02/03/99
4241.11	00M2MW09	29-39181	02/03/99
4241.12	00M2MW10	29-39180	02/03/99

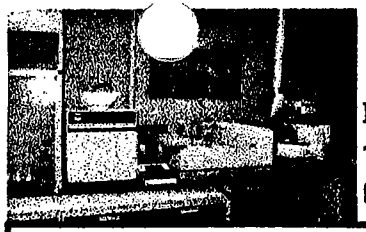
NJDEP Laboratory Certification # 13461

3-25-99
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: X21223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: M-2 MW's 1st Qtr '99

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	BNA + 25	Pest/PCB	TAL MTLS				Haz Red	Comments: Remarks / Preservation Method
														HCL/HNO_3/4°C
42441 .01	Trip	2/3/99	0730	AQ	2	✓								
.02	Field Blank		0900		5	✓	✓	✓	✓					
.03	MW-01		1436		5	✓	✓	✓	✓				✓	0.0 29-32584
.04	MW-02		0956		5	✓	✓	✓	✓				✓	0.0 29-32585
.05	MW-03 *		1327		5	✓	✓	✓	✓				✓	0.0 29-32586
.06	MW-04		1226		5	✓	✓	✓	✓				✓	0.0 29-37988
.07	MW-16 (10-F) new		0909		5	✓	✓	✓	✓				✓	0.0 29-39185
.08	MW-17 (9-E) new		0921		5	✓	✓	✓	✓				✓	0.0 29-39184
.09	MW-18 (8-D) new		1051		5	✓	✓	✓	✓				✓	0.0 29-39183
.10	MW-19 (7-C) new		1107		5	✓	✓	✓	✓				✓	0.0 29-39182
.11	MW-20 (6-B) new		1220		5	✓	✓	✓	✓				✓	0.0 29-39181
.12	MW-21 (5-A) new		1238		5	✓	✓	✓	✓				✓	0.0 29-39180
.13	Dupe		—		5	✓	✓	✓	✓					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	2/3/99 1525				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:
Tide: L → I

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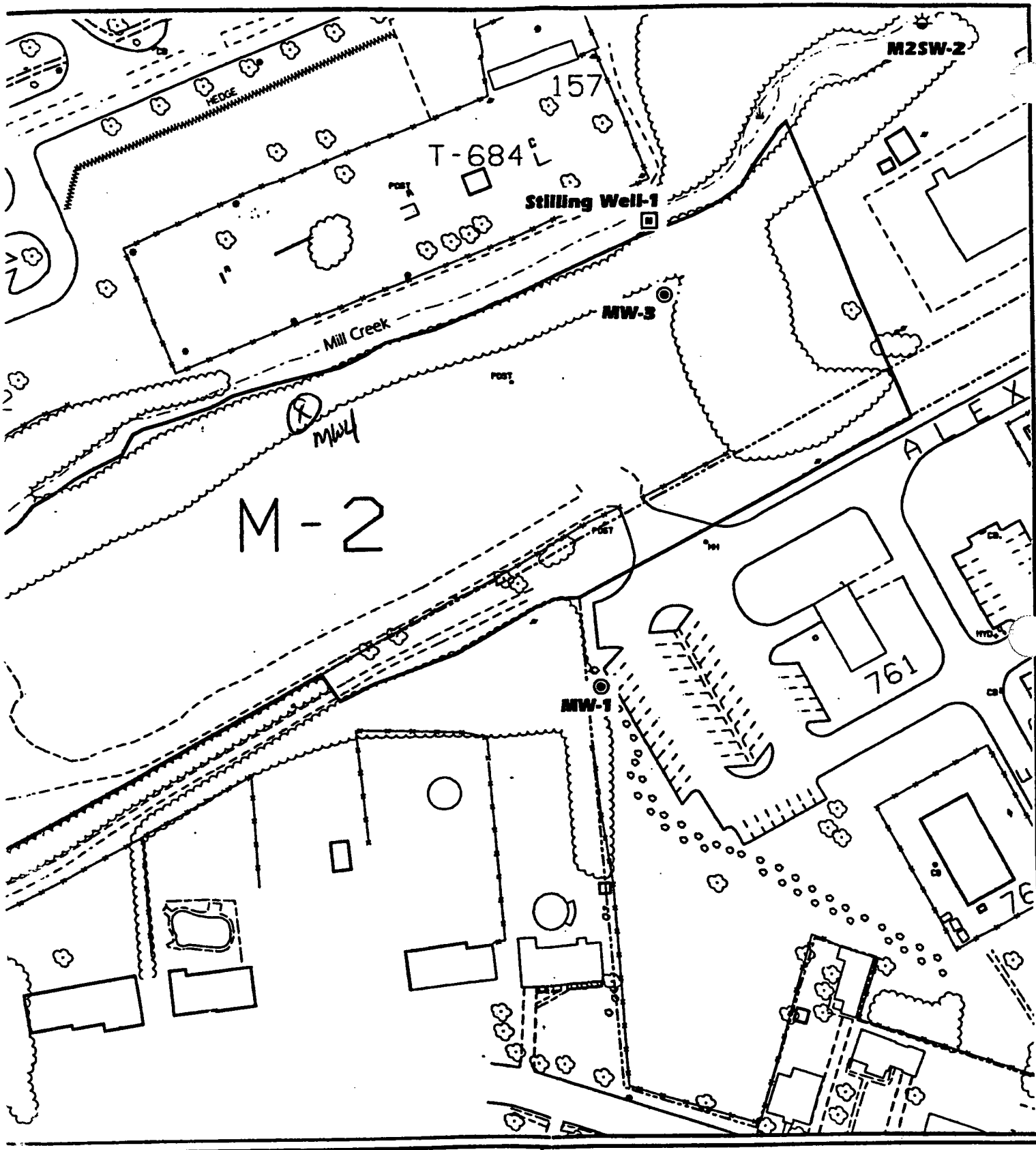

Fort Monmouth, Main Post

FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS

95P-3183 6/23/95

CASE NARRATIVE

Site: M-2
Lab ID: 4241

The duplicate analysis was performed on 00M2MW03 (Lab ID 4421.05).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02619.D**	Sample Name	**Vblk81**
Operator	**Skelton**	Field ID	**Vblk81**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

2/18/99 3:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk81**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: Vblk81

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02619.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02620.D**	Sample Name	**4241.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

2/18/99 3:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02620.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02621.D**	Sample Name	**4241.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02621.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02622.D**	Sample Name	**4241.03**
Operator	**Skelton**	Field ID	**00M2MW01**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02622.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02623.D**	Sample Name	**4241.04**
Operator	**Skelton**	Field ID	**00M2MW02**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	968503	5.84 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	4218730	37.30 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	34.53	185410	2.27 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02623.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02624.D**	Sample Name	**4241.05**
Operator	**Skelton**	Field ID	**00M2MW03**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.53	784106	7.14 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW03**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02624.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02625.D**	Sample Name	**4241.06**
Operator	**Skelton**	Field ID	**00M2MW04**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02625.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02626.D**	Sample Name	**4241.07**
Operator	**Skelton**	Field ID	**00M2MW05**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02626.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02627.D**	Sample Name	**4241.08**
Operator	**Skelton**	Field ID	**00M2MW06**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02627.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02628.D**	Sample Name	**4241.09**
Operator	**Skelton**	Field ID	**00M2MW07**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02628.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02629.D**	Sample Name	**4241.10**
Operator	**Skelton**	Field ID	**00M2MW08**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.84	823213	5.56 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02629.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02630.D**	Sample Name	**4241.11**
Operator	**Skelton**	Field ID	**00M2MW09**
Date Acquired	**16-Feb-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	19.85	24863188	166.56 ug/L	1	0.23 ug/L	E
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	28.54	200210	1.99 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02643.D**	Sample Name	**4241.11**
Operator	**Skelton**	Field ID	**00M2MW09**
Date Acquired	**17-Feb-99**	Sample Multiplier	**5**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	9.25 ug/L	
107131	Acrylonitrile			not detected	50	13.90 ug/L	
75650	tert-Butyl alcohol			not detected	nle	42.60 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.80 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	8.40 ug/L	
74-87-3	Chloromethane			not detected	30	5.80 ug/L	
75-01-4	Vinyl Chloride			not detected	5	5.30 ug/L	
74-83-9	Bromomethane			not detected	10	5.50 ug/L	
75-00-3	Chloroethane			not detected	nle	5.05 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	2.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	1.20 ug/L	
67-64-1	Acetone			not detected	700	6.80 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	2.30 ug/L	
75-09-2	Methylene Chloride			not detected	2	1.20 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.80 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.60 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	3.90 ug/L	
78-93-3	2-Butanone			not detected	300	3.10 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.85 ug/L	
67-66-3	Chloroform			not detected	6	1.50 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	1.15 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	2.35 ug/L	
71-43-2	Benzene	19.86	6675447	236.20 ug/L	1	1.15 ug/L	D
107-06-2	1,2-Dichloroethane			not detected	2	0.90 ug/L	
79-01-6	Trichloroethene			not detected	1	1.15 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	2.00 ug/L	
75-27-4	Bromodichloromethane			not detected	1	2.75 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	3.25 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	3.45 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	2.95 ug/L	
108-88-3	Toluene			not detected	1000	1.85 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	4.35 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	2.40 ug/L	
127-18-4	Tetrachloroethene			not detected	1	1.60 ug/L	
591-78-6	2-Hexanone			not detected	nle	3.55 ug/L	
126-48-1	Dibromochloromethane			not detected	10	4.30 ug/L	
108-90-7	Chlorobenzene			not detected	4	1.95 ug/L	
100-41-4	Ethylbenzene			not detected	700	3.25 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	5.70 ug/L	
1330-20-7	o-Xylene			not detected	nle	3.10 ug/L	
100-42-5	Styrene			not detected	100	2.80 ug/L	
75-25-2	Bromoform			not detected	4	3.50 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	2.35 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	2.75 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	2.85 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	3.20 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02630.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB02631.D	Sample Name	4241.12
Operator	Skelton	Field ID	00M2MW10
Date Acquired	16-Feb-99	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/26/99 3:05 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Project LTM

NJDEP# 13461 Case No.: 4241 SDG No _____ Location M-2

Matrix: (soil/water) WATER Lab Sample ID: 4241.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02631.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: not dec. _____ Date Analyzed: 2/16/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02774.D**	Sample Name	**Sblk202**
Operator	**Bhaskar**	Misc Info	**Sblk202 A 990204**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN02774.D**	Sample Name	**Sblk202**
Operator	**Bhaskar**	Misc Info	**Sblk202 A 990204**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Sblk202**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk202

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02774.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	BN02788.D	Sample Name	Sblk203
Operator	Bhaskar	Misc Info	Sblk203 A 990208
Date Acquired	10-Feb-99	Sample Multiplier	1

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN02788.D**	Sample Name	**Sblk203**
Operator	**Bhaskar**	Misc Info	**Sblk203 A 990208**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Sblk203**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk203

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02788.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/8/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/10/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02775.D**	Sample Name	**4241.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN02775.D**	Sample Name	**4241.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02775.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.33	45	J
2.	unknown	12.50	50	J
3. 000057-10-3	Hexadecanoic acid	19.50	10	JN
4.	unknown	24.49	65	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02776.D**	Sample Name	**4241.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**BN02776.D**	Sample Name	**4241.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**5-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW01**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02776.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/5/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02777.D**	Sample Name	**4241.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene	7.52	75280	2.87 ug/L	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol	8.70	79733	3.53 ug/L	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN02777.D**	Sample Name	**4241.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW02**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02777.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-36-2	Oxacyclotetradecane-2,11-dione,	19.35	19	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02778.D**	Sample Name	**4241.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene	14.42	48916	1.91 ug/L	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**BN02778.D**	Sample Name	**4241.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW03**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02778.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-36-2	Oxacyclotetradecane-2,11-dione,	19.34	12	JN

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02779.D**	Sample Name	**4241.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.2**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	6.00	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.13	ug/L	D
62-53-3	Aniline			not detected	NLE	0.18	ug/L	D
108-95-2	Phenol			not detected	4000	0.56	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.58	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.22	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.18	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.28	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.22	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.19	ug/L	D
	2-Methylphenol			not detected	NLE	0.17	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.73	ug/L	D
	4-Methylphenol			not detected	NLE	0.17	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.43	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.40	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.55	ug/L	D
78-59-1	Isophorone			not detected	100	0.42	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.28	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.32	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.55	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.14	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.31	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.30	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.30	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.23	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.46	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.22	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.19	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.80	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.50	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.37	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.38	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.25	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.22	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.23	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.37	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.31	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.31	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.83	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.38	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.32	ug/L	D

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Data File Name	**BN02779.D**	Sample Name	**4241.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.2**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.43	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.98	ug/L	D
86-73-7	Fluorene			not detected	300	0.35	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.37	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	1.08	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.53	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.28	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.96	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.66	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.98	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.30	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.22	ug/L	D
120-12-7	Anthracene			not detected	2000	0.23	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.28	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.49	ug/L	D
92-87-5	Benzidine			not detected	50	1.74	ug/L	D
129-00-0	Pyrene			not detected	200	0.38	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.56	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.26	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.55	ug/L	D
218-01-9	Chrysene			not detected	20	0.24	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.61	ug/L	D
117-84-0	Di-n-octylphthalate			not detected	100	0.98	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.44	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.38	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.37	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.95	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.34	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.48	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW04**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.06

Sample wt/vol: 836 (g/ml) ML Lab File ID: BN02779.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004459-57-8	Oxacyclohexadecan-2-one, 16-m	19.35	21	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02780.D**	Sample Name	**4241.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.09**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.45	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.02	ug/L	D
62-53-3	Aniline			not detected	NLE	0.16	ug/L	D
108-95-2	Phenol			not detected	4000	0.51	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.52	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.20	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.16	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.20	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.17	ug/L	D
	2-Methylphenol			not detected	NLE	0.15	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.66	ug/L	D
	4-Methylphenol			not detected	NLE	0.15	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.39	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.36	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.50	ug/L	D
78-59-1	Isophorone			not detected	100	0.38	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.25	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.29	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.50	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.13	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.28	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.27	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.27	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.21	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.41	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.20	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.17	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.64	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.46	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.34	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.35	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.23	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.20	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.21	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.34	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.28	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.28	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.75	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.35	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.29	ug/L	D

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Data File Name	**BN02780.D**	Sample Name	**4241.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.09**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.39	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.89	ug/L	D
86-73-7	Fluorene			not detected	300	0.32	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.34	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	0.98	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.48	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.25	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.87	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.60	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.89	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.18	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.20	ug/L	D
120-12-7	Anthracene			not detected	2000	0.21	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.25	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.45	ug/L	D
92-87-5	Benzidine			not detected	50	1.58	ug/L	D
129-00-0	Pyrene			not detected	200	0.35	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.51	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.24	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.50	ug/L	D
218-01-9	Chrysene			not detected	20	0.22	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate	24.53	1355259	40.90 ug/L	30	0.56	ug/L	D
117-84-0	Di-n-octylphthalate	25.89	89010	1.58 ug/L	100	0.89	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.40	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.35	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.34	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.86	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.31	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.44	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW05**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.07

Sample wt/vol: 916 (g/ml) ML Lab File ID: BN02780.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02781.D**	Sample Name	**4241.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.40	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.02	ug/L	D
62-53-3	Aniline			not detected	NLE	0.16	ug/L	D
108-95-2	Phenol			not detected	4000	0.51	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.52	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.19	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.16	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.19	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.17	ug/L	D
	2-Methylphenol			not detected	NLE	0.15	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.66	ug/L	D
	4-Methylphenol			not detected	NLE	0.15	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.39	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.36	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.50	ug/L	D
78-59-1	Isophorone			not detected	100	0.38	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.25	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.29	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.50	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.13	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.28	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.27	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.27	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.21	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.41	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.19	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.17	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.62	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.45	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.33	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.35	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.23	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.19	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.21	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.33	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.28	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.28	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.75	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.35	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.29	ug/L	D

Semi-Volatile Analysis Report
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Data File Name	**BN02781.D**	Sample Name	**4241.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.39	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.89	ug/L	D
86-73-7	Fluorene			not detected	300	0.31	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.33	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	0.97	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.48	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.25	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.86	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.59	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.89	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.17	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.19	ug/L	D
120-12-7	Anthracene			not detected	2000	0.21	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.25	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.44	ug/L	D
92-87-5	Benzidine			not detected	50	1.57	ug/L	D
129-00-0	Pyrene			not detected	200	0.35	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.51	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.24	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.50	ug/L	D
218-01-9	Chrysene			not detected	20	0.22	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.55	ug/L	D
117-84-0	Di-n-octylphthalate			not detected	100	0.89	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.40	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.35	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.33	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.85	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.30	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.43	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW06**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4241.08

Sample wt/vol: 924 (g/ml) ML Lab File ID: BN02781.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02782.D**	Sample Name	**4241.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.40	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.02	ug/L	D
62-53-3	Aniline			not detected	NLE	0.16	ug/L	D
108-95-2	Phenol			not detected	4000	0.51	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.52	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.19	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.16	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.19	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.17	ug/L	D
	2-Methylphenol			not detected	NLE	0.15	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.66	ug/L	D
	4-Methylphenol			not detected	NLE	0.15	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.39	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.36	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.50	ug/L	D
78-59-1	Isophorone			not detected	100	0.38	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.25	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.29	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.50	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.13	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.28	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.27	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.27	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.21	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.41	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.19	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.17	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.62	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.45	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.33	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.35	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.23	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.19	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.21	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.33	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.28	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.28	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.75	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.35	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.29	ug/L	D

Semi-Volatile Analysis Report
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Data File Name	**BN02782.D**	Sample Name	**4241.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.39	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.89	ug/L	D
86-73-7	Fluorene			not detected	300	0.31	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.33	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	0.97	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.48	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.25	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.86	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.59	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.89	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.17	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.19	ug/L	D
120-12-7	Anthracene			not detected	2000	0.21	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.25	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.44	ug/L	D
92-87-5	Benzidine			not detected	50	1.57	ug/L	D
129-00-0	Pyrene			not detected	200	0.35	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.51	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.24	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.50	ug/L	D
218-01-9	Chrysene			not detected	20	0.22	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.55	ug/L	D
117-84-0	Di-n-octylphthalate			not detected	100	0.89	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.40	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.35	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.33	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.85	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.30	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.43	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW07**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4241.09

Sample wt/vol: 922 (g/ml) ML Lab File ID: BN02782.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.51	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02783.D**	Sample Name	**4241.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.40	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.02	ug/L	D
62-53-3	Aniline			not detected	NLE	0.16	ug/L	D
108-95-2	Phenol			not detected	4000	0.51	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.52	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.19	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.16	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.19	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.17	ug/L	D
	2-Methylphenol			not detected	NLE	0.15	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.66	ug/L	D
	4-Methylphenol			not detected	NLE	0.15	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.39	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.36	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.50	ug/L	D
78-59-1	Isophorone			not detected	100	0.38	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.25	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.29	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.50	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.13	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.28	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.27	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.27	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.21	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.41	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.19	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.17	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.62	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.45	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.33	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.35	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.23	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.19	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.21	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.33	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.28	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.28	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.75	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.35	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.29	ug/L	D

Semi-Volatile Analysis Report
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Data File Name	**BN02783.D**	Sample Name	**4241.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**6-Feb-99**	Sample Multiplier	**1.08**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.39	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.89	ug/L	D
86-73-7	Fluorene			not detected	300	0.31	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.33	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	0.97	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.48	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.25	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.86	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.59	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.89	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.17	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.19	ug/L	D
120-12-7	Anthracene			not detected	2000	0.21	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.25	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.44	ug/L	D
92-87-5	Benzidine			not detected	50	1.57	ug/L	D
129-00-0	Pyrene			not detected	200	0.35	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.51	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.24	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.50	ug/L	D
218-01-9	Chrysene			not detected	20	0.22	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.55	ug/L	D
117-84-0	Di-n-octylphthalate			not detected	100	0.89	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.40	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.35	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.33	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.85	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.30	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.43	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW08**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.10

Sample wt/vol: 926 (g/ml) ML Lab File ID: BN02783.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/4/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/6/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02790.D**	Sample Name	**4241.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1.1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.50	ug/L	D
62-75-9	N-nitroso-dimethylamine			not detected	20	1.03	ug/L	D
62-53-3	Aniline			not detected	NLE	0.17	ug/L	D
108-95-2	Phenol	7.11	105174	4.47 ug/L	4000	0.52	ug/L	D
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.53	ug/L	D
95-57-8	2-Chlorophenol			not detected	40	0.20	ug/L	D
541-73-1	1,3-Dichlorobenzene			not detected	600	0.17	ug/L	D
106-46-7	1,4-Dichlorobenzene			not detected	75	0.25	ug/L	D
100-51-6	Benzyl alcohol			not detected	NLE	0.20	ug/L	D
95-50-1	1,2-Dichlorobenzene			not detected	600	0.18	ug/L	D
	2-Methylphenol			not detected	NLE	0.15	ug/L	D
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.67	ug/L	D
	4-Methylphenol			not detected	NLE	0.15	ug/L	D
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.40	ug/L	D
67-72-1	Hexachloroethane			not detected	10	0.36	ug/L	D
98-95-3	Nitrobenzene			not detected	10	0.51	ug/L	D
78-59-1	Isophorone			not detected	100	0.39	ug/L	D
88-75-5	2-Nitrophenol			not detected	NLE	0.25	ug/L	D
105-67-9	2,4-Dimethylphenol			not detected	100	0.30	ug/L	D
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.51	ug/L	D
120-83-2	2,4-Dichlorophenol			not detected	20	0.13	ug/L	D
65-85-0	Benzoic Acid			not detected	NLE	0.29	ug/L	D
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.28	ug/L	D
91-20-3	Naphthalene			not detected	NLE	0.28	ug/L	D
106-47-8	4-Chloroaniline			not detected	NLE	0.21	ug/L	D
87-68-3	Hexachlorobutadiene			not detected	1	0.42	ug/L	D
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.20	ug/L	D
91-57-6	2-Methylnaphthalene			not detected	NLE	0.18	ug/L	D
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.65	ug/L	D
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.46	ug/L	D
	2,4,5-Trichlorophenol			not detected	700	0.34	ug/L	D
91-58-7	2-Chloronaphthalene			not detected	NLE	0.35	ug/L	D
88-74-4	2-Nitroaniline			not detected	NLE	0.23	ug/L	D
131-11-3	Dimethylphthalate			not detected	7000	0.20	ug/L	D
208-96-8	Acenaphthylene			not detected	NLE	0.21	ug/L	D
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.34	ug/L	D
99-09-2	3-Nitroaniline			not detected	NLE	0.29	ug/L	D
83-32-9	Acenaphthene			not detected	400	0.29	ug/L	D
51-28-5	2,4-Dinitrophenol			not detected	40	0.76	ug/L	D
132-64-9	Dibenzofuran			not detected	NLE	0.35	ug/L	D
100-02-7	4-Nitrophenol			not detected	NLE	0.30	ug/L	D

Semi-Volatile Analysis Report
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Data File Name	**BN02790.D**	Sample Name	**4241.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1.1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.40	ug/L	D
84-66-2	Diethylphthalate			not detected	5000	0.90	ug/L	D
86-73-7	Fluorene			not detected	300	0.32	ug/L	D
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.34	ug/L	D
100-01-6	4-Nitroaniline			not detected	NLE	0.99	ug/L	D
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.48	ug/L	D
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.25	ug/L	D
103-33-3	Azobenzene			not detected	NLE	0.88	ug/L	D
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.61	ug/L	D
118-74-1	Hexachlorobenzene			not detected	10	0.90	ug/L	D
87-86-5	Pentachlorophenol			not detected	1	1.19	ug/L	D
85-01-8	Phenanthrene			not detected	NLE	0.20	ug/L	D
120-12-7	Anthracene			not detected	2000	0.21	ug/L	D
84-74-2	Di-n-butylphthalate			not detected	900	0.25	ug/L	D
206-44-0	Fluoranthene			not detected	300	0.45	ug/L	D
92-87-5	Benzidine			not detected	50	1.60	ug/L	D
129-00-0	Pyrene			not detected	200	0.35	ug/L	D
85-68-7	Butylbenzylphthalate			not detected	100	0.52	ug/L	D
56-55-3	Benzo[a]anthracene			not detected	10	0.24	ug/L	D
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.51	ug/L	D
218-01-9	Chrysene			not detected	20	0.22	ug/L	D
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.56	ug/L	D
117-84-0	Di-n-octylphthalate			not detected	100	0.90	ug/L	D
205-99-2	Benzo[b]fluoranthene			not detected	10	0.41	ug/L	D
207-08-9	Benzo[k]fluoranthene			not detected	2	0.35	ug/L	D
50-32-8	Benzo[a]pyrene			not detected	20	0.34	ug/L	D
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.87	ug/L	D
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.31	ug/L	D
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.44	ug/L	D

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW09**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.11

Sample wt/vol: 910 (g/ml) ML Lab File ID: BN02790.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/8/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/10/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02791.D**	Sample Name	**4241.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN02791.D**	Sample Name	**4241.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW10**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4241.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02791.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 2/8/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/10/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 003622-84-2	Benzenesulfonamide, N-butyl-	17.82	12	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN02792.D**	Sample Name	**4241.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene	14.42	43885	1.89 ug/L	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN02792.D**	Sample Name	**4241.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**10-Feb-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4241 Location: M-2 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4241.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN02792.D

Level: (low/med) LOW Date Received: 2/3/99

% Moisture: decanted: (Y/N) N Date Extracted: 2/8/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 2/10/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-36-2	Oxacyclotetradecane-2,11-dione,	19.34	17	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK284
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK285
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	2/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 um
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25 u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1	11.49	0.20	0.0015	0.020
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1	11.49	0.20	0.0015	0.058
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	0.611
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/4/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/8/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	0.244
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	1.187
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u

Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4241.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	2/3/99
	Bldg. 173	**Extraction Date:**	2/5/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	2/9/99
Analysis:	EPA Method 608	**Location :**	M-2 MWs
Matrix:	Aqueous		
Analyst:	D. Wright	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32 mm ID/.25 u
Column-Confirmation: Rtx-CLPesticides2 30m/.32 mm ID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241
Sample Prepared: 02/04/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	ND	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	1.9	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	3.5	4	0.5
Calcium	02/10/99	34.0	NLE	20.0
Chromium	02/10/99	ND	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	41.0	1000	3.0
Iron	02/10/99	ND	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	ND	NLE	20.0
Manganese	02/10/99	ND	50	0.5
Mercury	02/09/99	ND	2	0.1
Nickel	02/10/99	1.8	100	0.5
Potassium	02/10/99	ND	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	123	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	ND	NLE	1.0
Zinc	02/10/99	10.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.02
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	ND	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	ND	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	ND	4	0.5
Calcium	02/10/99	120	NLE	20.0
Chromium	02/10/99	ND	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	ND	1000	3.0
Iron	02/10/99	ND	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	ND	NLE	20.0
Manganese	02/10/99	ND	50	0.5
Mercury	02/09/99	0.25	2	0.1
Nickel	02/10/99	2.33	100	0.5
Potassium	02/10/99	26.4	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	376	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	ND	NLE	1.0
Zinc	02/10/99	8.95	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.03
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	ND	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	76.6	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	3.27	4	0.5
Calcium	02/10/99	18100	NLE	20.0
Chromium	02/10/99	4.76	100	0.5
Cobalt	02/10/99	5.42	NLE	0.5
Copper	02/10/99	ND	1000	3.0
Iron	02/10/99	1390	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	4510	NLE	20.0
Manganese	02/10/99	133	50	0.5
Mercury	02/09/99	0.25	2	0.1
Nickel	02/10/99	23.1	100	0.5
Potassium	02/10/99	6280	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	15500	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	1.28	NLE	1.0
Zinc	02/10/99	2150	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.04
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	ND	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	273	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	ND	4	0.5
Calcium	02/10/99	81300	NLE	20.0
Chromium	02/10/99	5.65	100	0.5
Cobalt	02/10/99	0.652	NLE	0.5
Copper	02/10/99	6.01	1000	3.0
Iron	02/10/99	50800	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	9400	NLE	20.0
Manganese	02/10/99	456	50	0.5
Mercury	02/09/99	0.26	2	0.1
Nickel	02/10/99	2.25	100	0.5
Potassium	02/10/99	22200	NLE	20.0
Selenium	02/10/99	5.93	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	17700	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	2.13	NLE	1.0
Zinc	02/10/99	22.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.05
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	531	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	141	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	2.83	4	0.5
Calcium	02/10/99	86500	NLE	20.0
Chromium	02/10/99	8.05	100	0.5
Cobalt	02/10/99	1.88	NLE	0.5
Copper	02/10/99	10.5	1000	3.0
Iron	02/10/99	16500	300	10.0
Lead	02/10/99	5.02	10	2.0
Magnesium	02/10/99	8750	NLE	20.0
Manganese	02/10/99	407	50	0.5
Mercury	02/09/99	0.32	2	0.1
Nickel	02/10/99	50.9	100	0.5
Potassium	02/10/99	13900	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	15800	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	4.04	NLE	1.0
Zinc	02/10/99	433	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.06
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	20.3	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	132	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	1.38	4	0.5
Calcium	02/10/99	45600	NLE	20.0
Chromium	02/10/99	9.31	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	24.9	1000	3.0
Iron	02/10/99	33300	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	4220	NLE	20.0
Manganese	02/10/99	2010	50	0.5
Mercury	02/09/99	0.41	2	0.1
Nickel	02/10/99	4.41	100	0.5
Potassium	02/10/99	7140	NLE	20.0
Selenium	02/10/99	3.73	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	9840	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	ND	NLE	1.0
Zinc	02/10/99	68.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.07
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	633	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	3.20	8	2.0
Barium	02/10/99	171	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	2.05	4	0.5
Calcium	02/10/99	13800	NLE	20.0
Chromium	02/10/99	7.66	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	34.2	1000	3.0
Iron	02/10/99	35300	300	10.0
Lead	02/10/99	4.62	10	2.0
Magnesium	02/10/99	1970	NLE	20.0
Manganese	02/10/99	48.2	50	0.5
Mercury	02/09/99	0.43	2	0.1
Nickel	02/10/99	3.30	100	0.5
Potassium	02/10/99	4630	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	6910	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	3.32	NLE	1.0
Zinc	02/10/99	43.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.08
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	1330	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	185	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	0.969	4	0.5
Calcium	02/10/99	54000	NLE	20.0
Chromium	02/10/99	14.8	100	0.5
Cobalt	02/10/99	0.688	NLE	0.5
Copper	02/10/99	13.2	1000	3.0
Iron	02/10/99	50700	300	10.0
Lead	02/10/99	13.6	10	2.0
Magnesium	02/10/99	5620	NLE	20.0
Manganese	02/10/99	138	50	0.5
Mercury	02/09/99	0.46	2	0.1
Nickel	02/10/99	5.53	100	0.5
Potassium	02/10/99	7000	NLE	20.0
Selenium	02/10/99	3.83	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	8620	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	6.40	NLE	1.0
Zinc	02/10/99	100	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.09
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	433	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	5.13	8	2.0
Barium	02/10/99	103	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	1.94	4	0.5
Calcium	02/10/99	48300	NLE	20.0
Chromium	02/10/99	4.25	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	ND	1000	3.0
Iron	02/10/99	41800	300	10.0
Lead	02/10/99	3.41	10	2.0
Magnesium	02/10/99	5240	NLE	20.0
Manganese	02/10/99	79.6	50	0.5
Mercury	02/09/99	0.34	2	0.1
Nickel	02/10/99	2.46	100	0.5
Potassium	02/10/99	5260	NLE	20.0
Selenium	02/10/99	3.34	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	9530	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	2.11	NLE	1.0
Zinc	02/10/99	70.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.10
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	1350	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	136	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	1.16	4	0.5
Calcium	02/10/99	39400	NLE	20.0
Chromium	02/10/99	11.5	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	9.24	1000	3.0
Iron	02/10/99	76500	300	10.0
Lead	02/10/99	5.57	10	2.0
Magnesium	02/10/99	4460	NLE	20.0
Manganese	02/10/99	61.7	50	0.5
Mercury	02/09/99	0.36	2	0.1
Nickel	02/10/99	3.71	100	0.5
Potassium	02/10/99	7260	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	8690	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	4.10	NLE	1.0
Zinc	02/10/99	96.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.11
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	3250	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	4.20	8	2.0
Barium	02/10/99	178	2000	0.5
Beryllium	02/10/99	0.704	20	0.5
Cadmium	02/10/99	4.49	4	0.5
Calcium	02/10/99	99300	NLE	20.0
Chromium	02/10/99	39.6	100	0.5
Cobalt	02/10/99	2.09	NLE	0.5
Copper	02/10/99	193	1000	3.0
Iron	02/10/99	30900	300	10.0
Lead	02/10/99	13.1	10	2.0
Magnesium	02/10/99	7820	NLE	20.0
Manganese	02/10/99	4260	50	0.5
Mercury	02/09/99	0.71	2	0.1
Nickel	02/10/99	9.70	100	0.5
Potassium	02/10/99	10600	NLE	20.0
Selenium	02/10/99	4.10	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	10500	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	9.55	NLE	1.0
Zinc	02/10/99	474	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.12
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	638	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	168	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	0.845	4	0.5
Calcium	02/10/99	44100	NLE	20.0
Chromium	02/10/99	6.28	100	0.5
Cobalt	02/10/99	ND	NLE	0.5
Copper	02/10/99	42.7	1000	3.0
Iron	02/10/99	24300	300	10.0
Lead	02/10/99	ND	10	2.0
Magnesium	02/10/99	2600	NLE	20.0
Manganese	02/10/99	68.6	50	0.5
Mercury	02/09/99	0.22	2	0.1
Nickel	02/10/99	1.17	100	0.5
Potassium	02/10/99	5120	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	8080	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	2.09	NLE	1.0
Zinc	02/10/99	31.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4241.13
Sample Received: 02/03/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	02/10/99	775	200	10.0
Antimony	02/10/99	ND	20	2.0
Arsenic	02/10/99	ND	8	2.0
Barium	02/10/99	134	2000	0.5
Beryllium	02/10/99	ND	20	0.5
Cadmium	02/10/99	ND	4	0.5
Calcium	02/10/99	85200	NLE	20.0
Chromium	02/10/99	8.68	100	0.5
Cobalt	02/10/99	2.10	NLE	0.5
Copper	02/10/99	10.6	1000	3.0
Iron	02/10/99	16300	300	10.0
Lead	02/10/99	4.14	10	2.0
Magnesium	02/10/99	8560	NLE	20.0
Manganese	02/10/99	406	50	0.5
Mercury	02/09/99	0.19	2	0.1
Nickel	02/10/99	48.0	100	0.5
Potassium	02/10/99	13900	NLE	20.0
Selenium	02/10/99	ND	50	3.0
Silver	02/10/99	ND	20	3.0
Sodium	02/10/99	15200	50000	20.0
Thallium	02/10/99	ND	10	3.0
Vanadium	02/10/99	4.65	NLE	1.0
Zinc	02/10/99	399	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Aluminum	Iron	Manganese	Lead	Silver	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	30	NLE	200	300	50	10	20	2000	-
05/02/97	FMETL	ND	ND	7	360	100	150	ND	17	-	V,S,P,M
08/06/97	FMETL	ND	ND	ND	236.3	400	128	ND	ND	-	V,S,P,M
10/23/97	FMETL	6.45	ND	ND	344	488	78	11	ND	63.8	V,S,P,M
02/11/98	FMETL	29.1	1.89	ND	578	500	120	ND	ND	53.3	V,S,P,M
04/23/98	FMETL	ND	ND	ND	239	233	73.1	ND	ND	57.2	V,S,P,M
07/22/98	FMETL	ND	1.25	ND	2480	7790	83.6	ND	ND	83.1	V,S,P,M
11/06/98	FMETL	ND	ND	ND	402	1480	84.1	6.95	ND	67.6	V,S,P,M
02/03/99	FMETL	ND	ND	ND	ND	1390	133	ND	ND	76.6	V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 02/03/99

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

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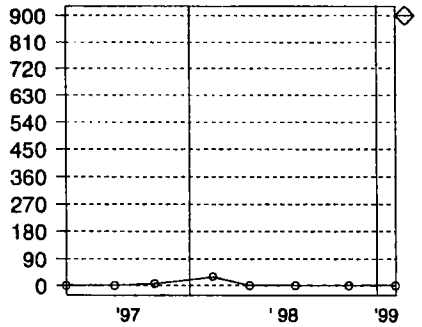
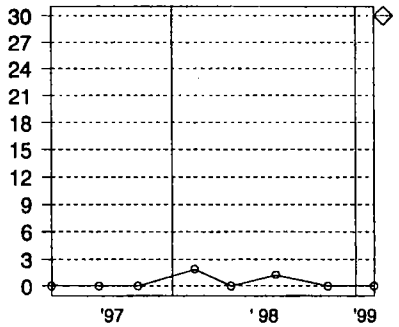
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

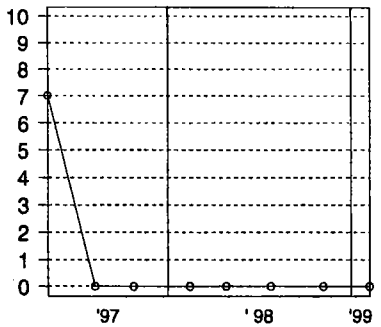
Di-n-butylphthalate (ug/l)



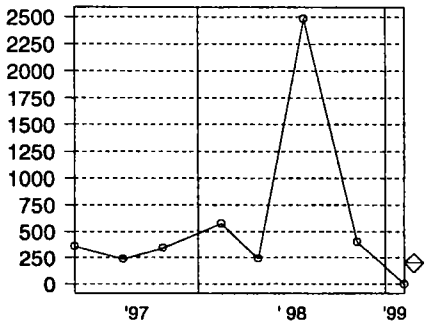
bis(2-Ethylhexyl)phthalate (ug/l)



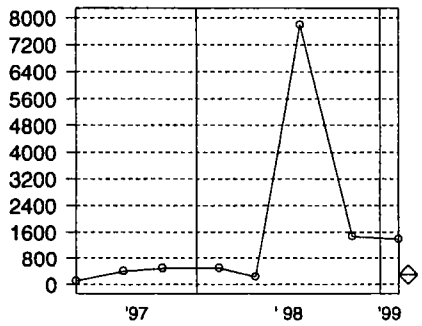
Naphthalene (ug/l)



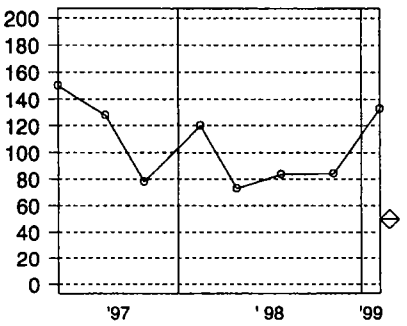
Aluminum (ug/l)



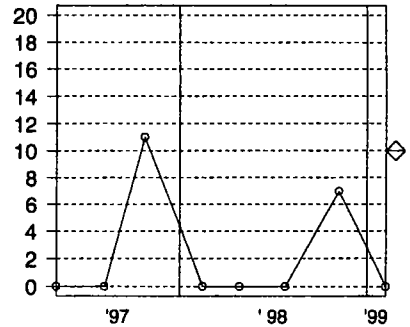
Iron (ug/l)



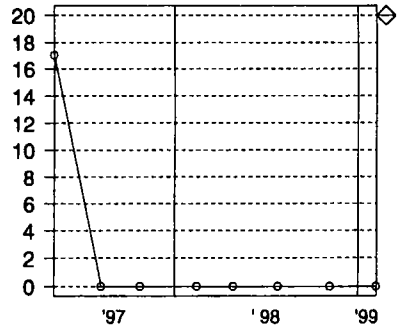
Manganese (ug/l)



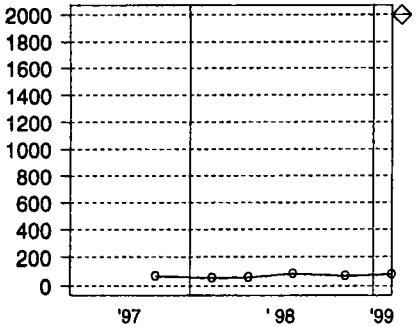
Lead (ug/l)



Silver (ug/l)



Barium (ug/l)



SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 14, Graph

U.S. ARMY
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SELFM-PW-EV

03-23-1999 c:\mtech46\fm\m-2\gw

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/02/97	FMETL	-	-	-	-	-	-	-	5.60		V,S,P,M
08/06/97	FMETL	-	-	-	-	-	-	-	8.15		V,S,P,M
10/23/97	FMETL	1.6	12680	4670	16.9	5020	9040	646	9.30		V,S,P,M
02/11/98	FMETL	3.5	15460	3710	17.9	5520	9290	1917	5.15		V,S,P,M
04/23/98	FMETL	2.5	10090	1739	9.7	5217	6370	785	4.61		V,S,P,M
07/22/98	FMETL	2.5	12600	4100	16.2	8610	10500	640	7.12		V,S,P,M
11/06/98	FMETL	6.23	12200	4330	20.9	5490	11000	1410	9.55		V,S,P,M
02/03/99	FMETL	3.27	18100	4510	23.1	6280	15500	2150	7.02		V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 02/03/99

NOTES:

Silver in blank > GW Criteria for May 97.
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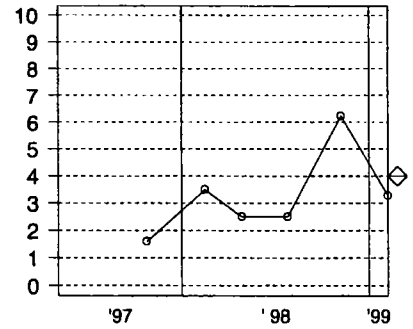
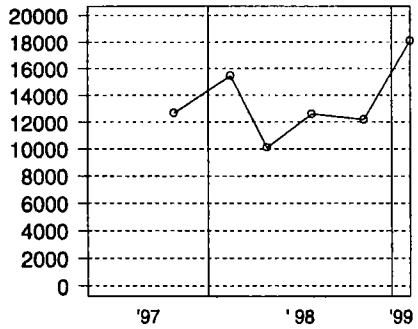
FORT MONMOUTH

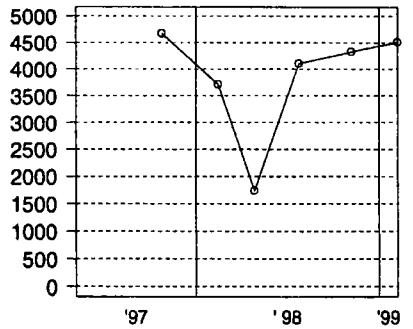
GW MONITORING
Bldg M-2

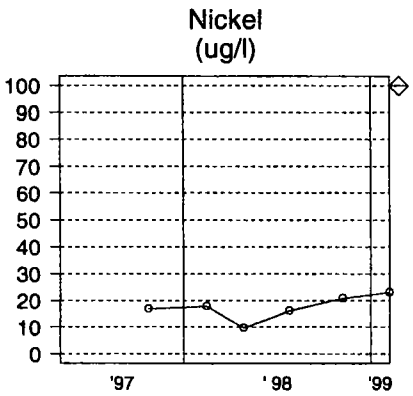
Well 5 of 14

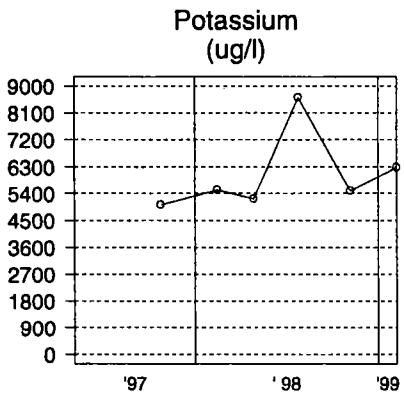
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

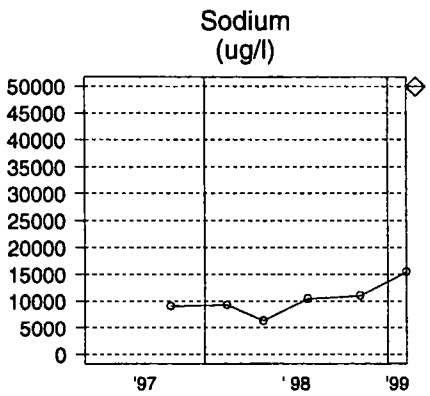


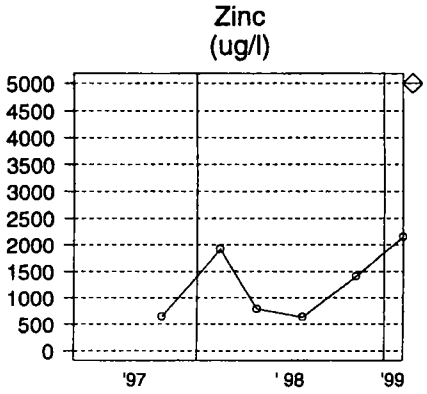


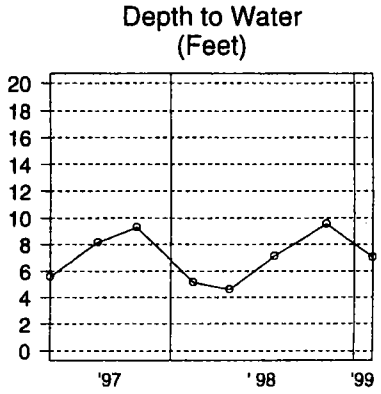












SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-23-1999 c:\mtech46\fm\m-2\gw\r

	Lab	Carbon Disulfide	Benzene	Chloro benzene	Di-n-butyl phthalate	1,2-Di chloro benzene	1,3-Di chloro benzene	1,4-Di chloro benzene	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	NLE	1	4	900	600	600	75	200	300	-
05/08/97	FMETL	1.3	ND	18	ND	ND	ND	ND	49	35000	V,S,P,M
08/06/97	FMETL	ND	1.36	18.56	ND	ND	ND	ND	51.7	82680	V,S,P,M
10/23/97	FMETL	ND	ND	10.9	3.75	ND	ND	ND	107	16200	V,S,P,M
02/11/98	FMETL	ND	ND	7.39	29.0	ND	ND	ND	129	22500	V,S,P,M
04/23/98	FMETL	ND	3.12	24.07	ND	ND	ND	ND	108	76160	V,S,P,M
07/22/98	FMETL	ND	6.44	36.51	ND	1.35	1.65	4.02	44.7	26800	V,S,P,M
11/06/98	FMETL	ND	2.73	44	ND	ND	1.37	3.01	48.2	33700	V,S,P,M
02/03/99	FMETL	ND	5.84	37.3	ND	ND	ND	2.27	ND	50800	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

NOTES:

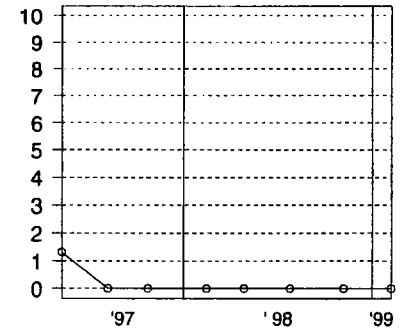
Silver in blank > GW Criteria for May 97.

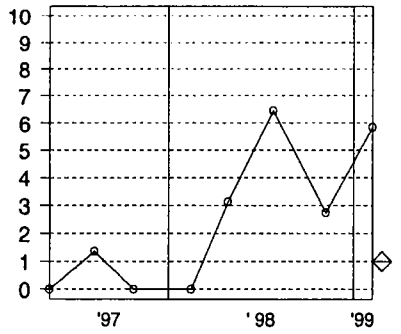
FORT MONMOUTH

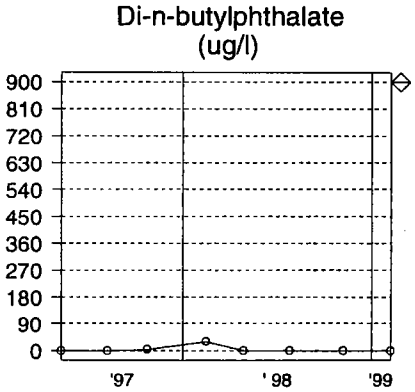
GW MONITORING
Bldg M-2

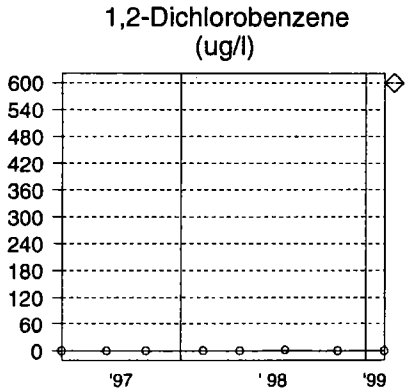
Well 1 of 1

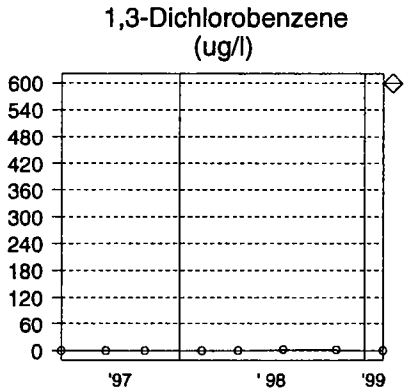
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

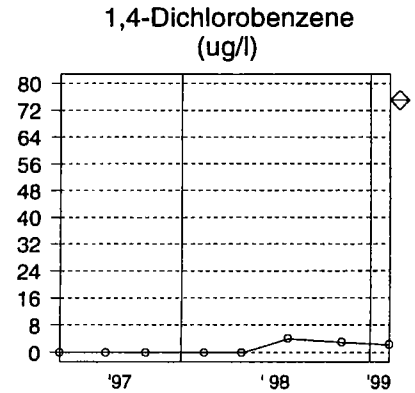


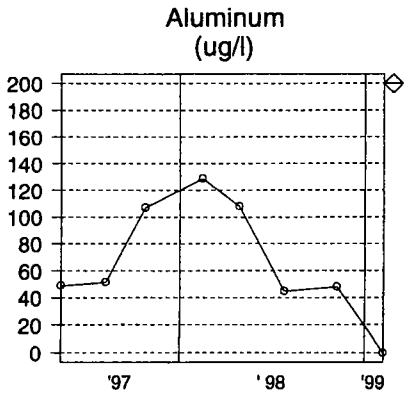


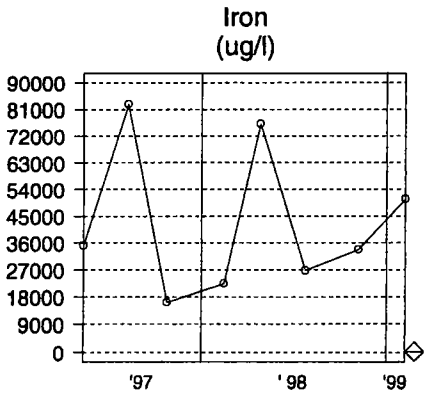












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

05-26-1999 c:\mtech46\fm\m-2\g

	Lab	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
05/08/97	FMETL	260	ND	41	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	474	ND	ND	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	145	7.0	ND	120	ND	62570	5470	1.8	6930	V,S,P,M
02/11/98	FMETL	157	ND	ND	171	ND	66770	5930	3.9	ND	V,S,P,M
04/23/98	FMETL	282	ND	ND	354	1.1	75020	7788	2.1	24570	V,S,P,M
07/22/98	FMETL	290	ND	ND	264	ND	88600	8540	2.06	42900	V,S,P,M
11/06/98	FMETL	262	ND	ND	229	0.913	68300	6650	2.47	10300	V,S,P,M
02/03/99	FMETL	456	ND	ND	273	ND	81300	9400	2.25	22200	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

NOTES:

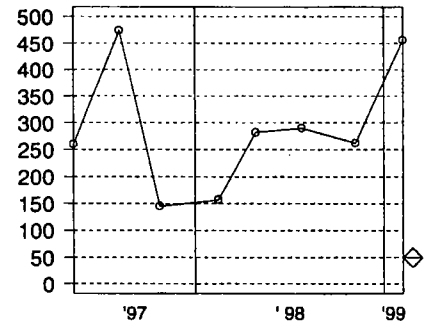
Silver in blank > GW Criteria for May 97.
Page 2 of 3.

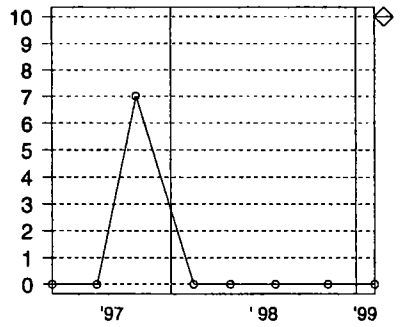
FORT MONMOUTH

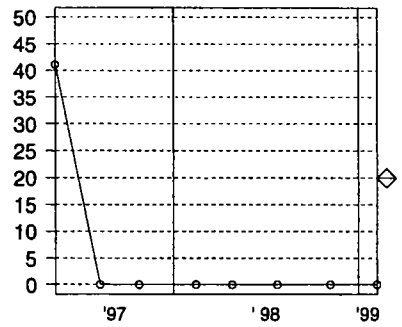
GW MONITORING
Bldg M-2

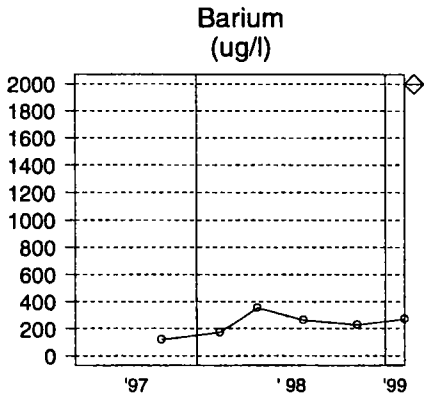
Well 6 of 14

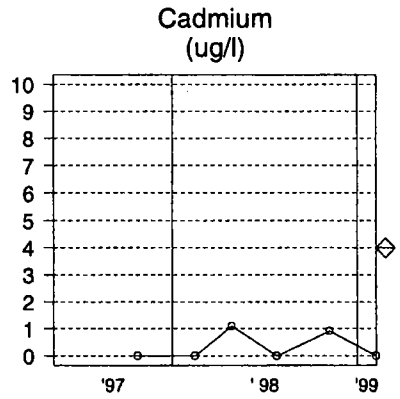
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

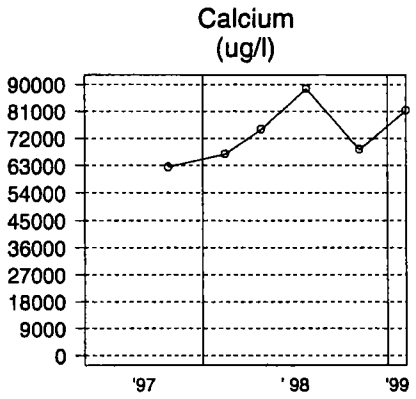


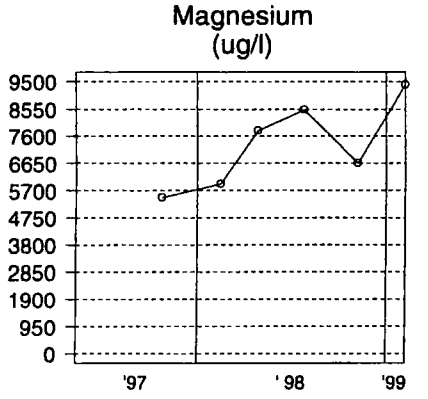


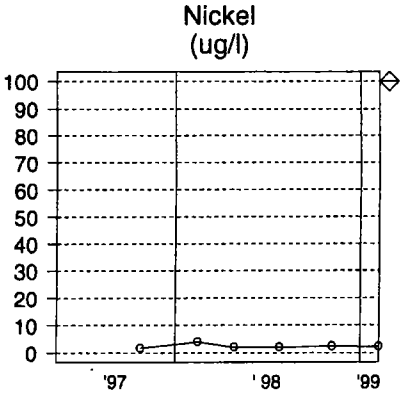


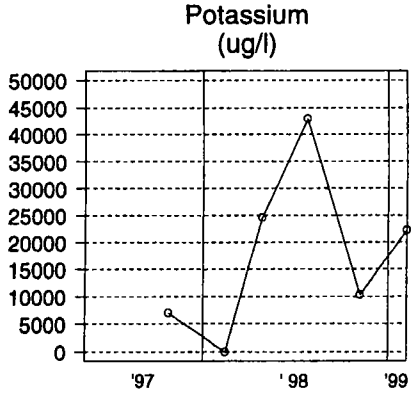












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-23-1999 c:\mtech46\fm\m-2\gw

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
05/08/97	FMETL	-	-	10.2							V,S,P,M
08/06/97	FMETL	-	-	10.60							V,S,P,M
10/23/97	FMETL	7820	63	10.90							V,S,P,M
02/11/98	FMETL	7130	38	9.80							V,S,P,M
04/23/98	FMETL	11880	7.6	9.84							V,S,P,M
07/22/98	FMETL	12600	32.4	10.64							V,S,P,M
11/06/98	FMETL	9910	5.83	10.73							V,S,P,M
02/03/99	FMETL	17700	22.9	10.02							V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

NOTES:

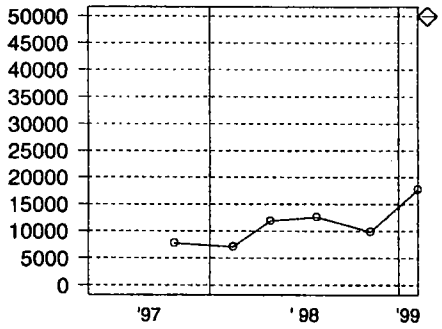
Silver in blank > GW Criteria for May 97.

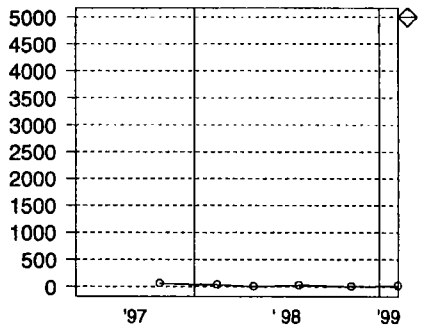
FORT MONMOUTH

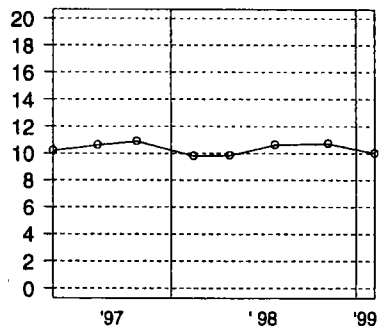
GW MONITORING
Bldg M-2

Well 6 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-23-1999 c:\mtech46\fm\m-2\gw

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	NLE	75	200	300	50	-
05/02/97	FMETL	ND	4.69	ND	ND	ND	ND	62	12200	500	V,S,P,M
08/06/97	FMETL	ND	1.49	2.20	ND	ND	ND	26	9300	511	V,S,P,M
10/23/97	FMETL	1.31	17.7	4.03	ND	ND	ND	145	10010	427	V,S,P,M
02/11/98	FMETL	3.78	78.8	39.7	ND	1.76	ND	256	39970	513	V,S,P,M
04/23/98	FMETL	4.26	107.81	ND	2.44	3.12	ND	58	69260	516	V,S,P,M
07/22/98	FMETL	ND	10.51	ND	ND	ND	ND	28.5	14500	395	V,S,P,M
11/06/98	FMETL	1.78	11.9	ND	ND	ND	2.38	66.3	13700	586	V,S,P,M
02/03/99	FMETL	ND	7.14	ND	ND	ND	ND	531	16500	407	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

NOTES:

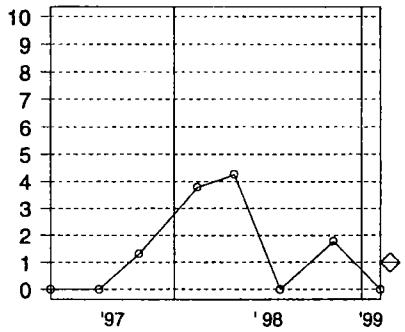
Silver in blank > GW Criteria for May 97.

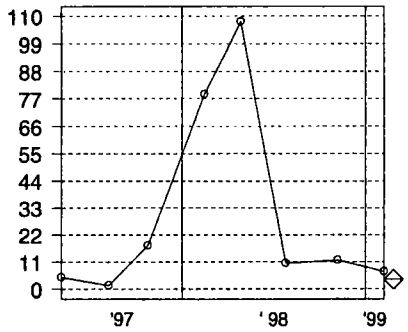
FORT MONMOUTH

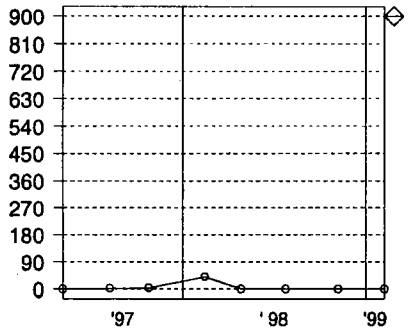
GW MONITORING
Bldg M-2

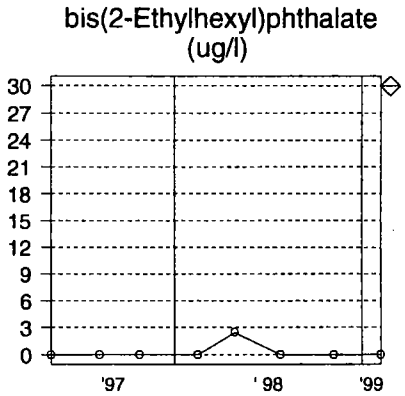
Well 1 of 1

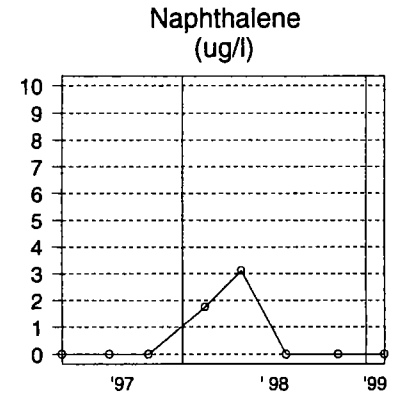
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

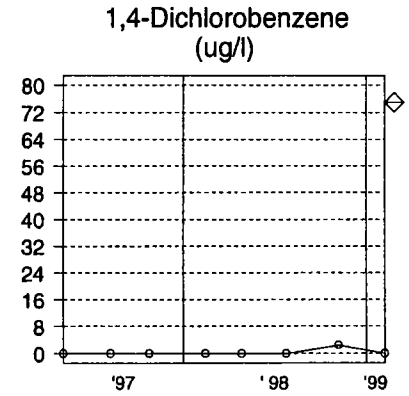


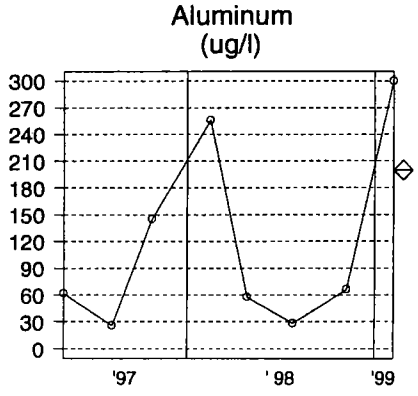


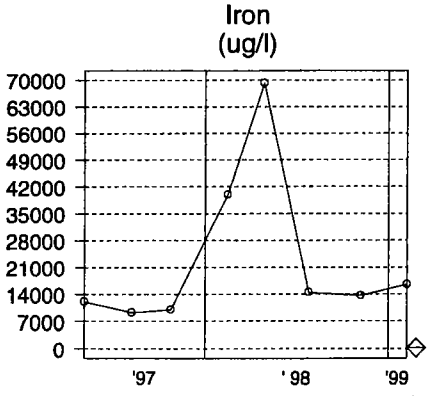


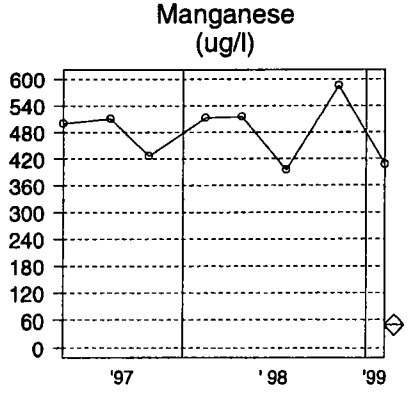












SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

05-26-1999 c:\mtech46\fm\m-2\g sf

	Lab	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	4	NLE	NLE	100	NLE	50000	-
05/02/97	FMETL	ND	36	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	917	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	13	ND	47.4	ND	64240	4780	1.7	9120	10300	V,S,P,M
02/11/98	FMETL	ND	ND	317	ND	154300	11200	6	18580	18180	V,S,P,M
04/23/98	FMETL	2.8	ND	566	ND	145200	9303	ND	17930	11200	V,S,P,M
07/22/98	FMETL	ND	ND	86.4	ND	72700	5010	0.566	11900	11600	V,S,P,M
11/06/98	FMETL	2.83	ND	114	ND	111000	12000	2.88	22100	28600	V,S,P,M
02/03/99	FMETL	5.02	ND	141	2.83	86500	8750	50.9	13900	15800	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

NOTES:

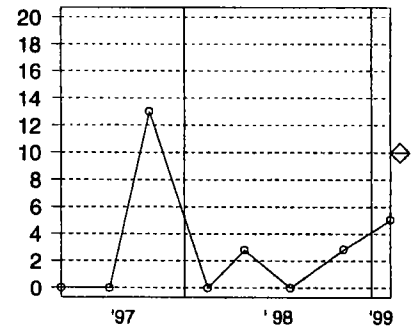
Silver in blank > GW Criteria for May 97.
Page 2 of 3.

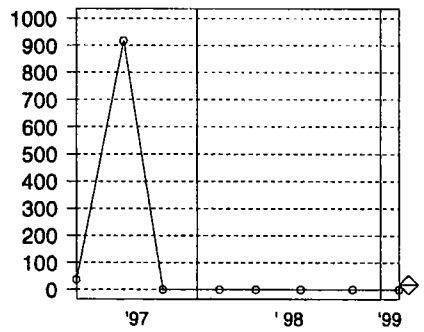
FORT MONMOUTH

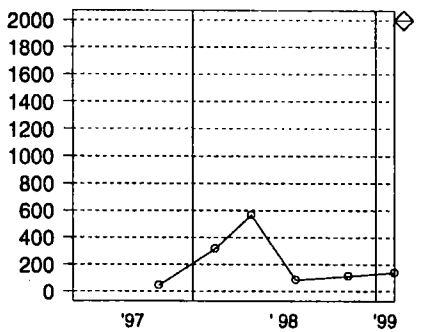
GW MONITORING
Bldg M-2

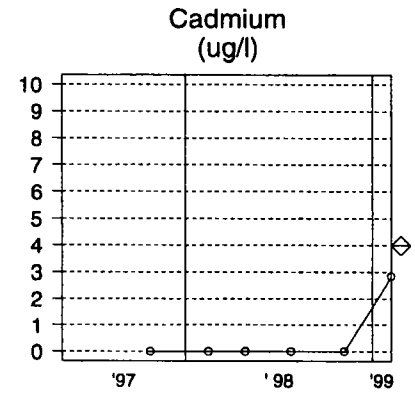
Well 7 of 14

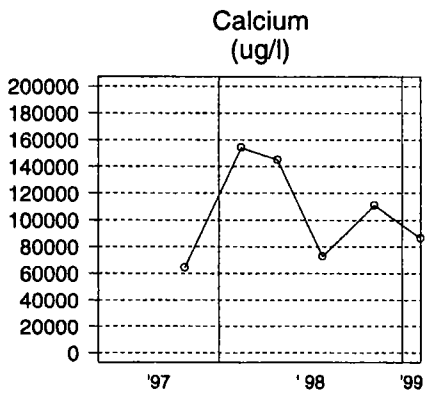
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

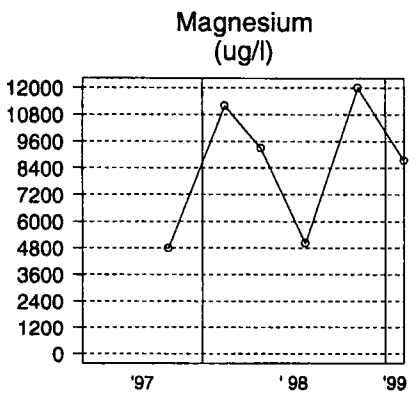


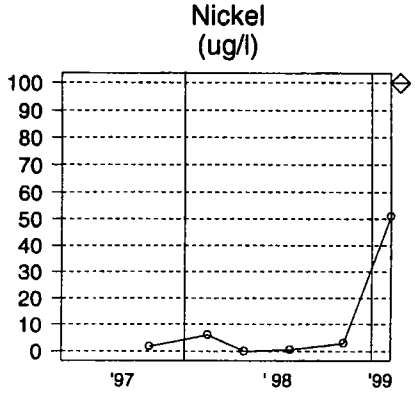


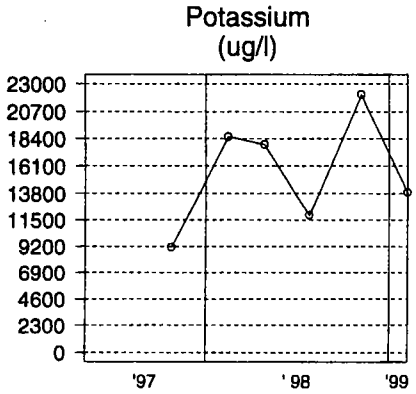


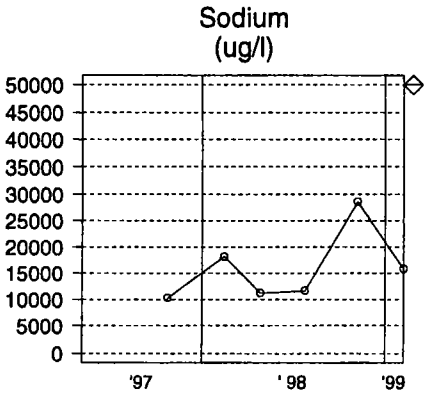












SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\g sf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/02/97	FMETL	-	7.80								V,S,P,M
08/06/97	FMETL	-	8.20								V,S,P,M
10/23/97	FMETL	71	8.60								V,S,P,M
02/11/98	FMETL	48	7.40								V,S,P,M
04/23/98	FMETL	ND	7.83								V,S,P,M
07/22/98	FMETL	31.1	6.67								V,S,P,M
11/06/98	FMETL	11	8.39								V,S,P,M
02/03/99	FMETL	433	7.28								V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

NOTES:

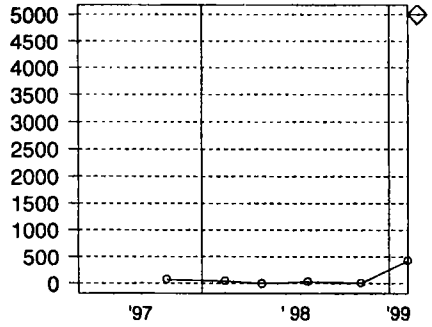
Silver in blank > GW Criteria for May 97.
Page 3 of 3.

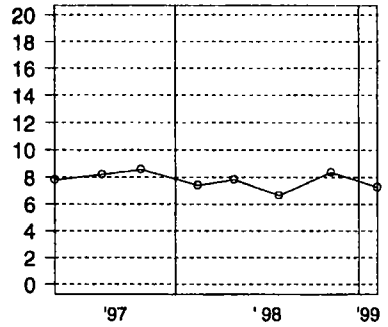
FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw

	Lab	Chloro benzene	Di-n-butyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	900	200	300	50	10	2000	4	NLE	-
02/11/98	FMETL	2.41	28.9	514	30140	534	ND	177	ND	5350	V,S,P,M
04/27/98	FMETL	ND	ND	ND	17800	757	ND	111	ND	33070	V,S,P,M
07/22/98	FMETL	1.29	ND	302	26300	3780	ND	131	ND	33700	V,S,P,M
11/06/98	FMETL	ND	ND	209	23900	180	3.27	132	1.47	36300	V,S,P,M
02/03/99	FMETL	ND	ND	20.3	33300	2010	ND	132	1.38	45600	V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 02/03/99

NOTES:

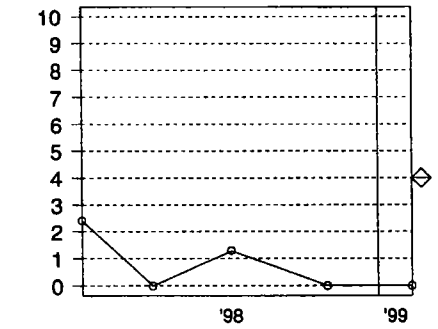
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

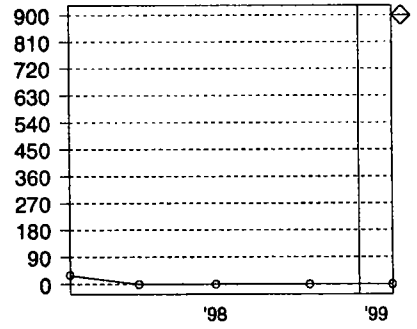
FORT MONMOUTH

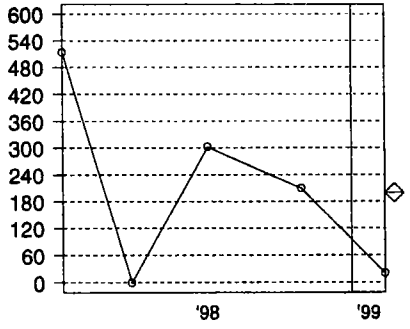
GW MONITORING
Bldg M-2

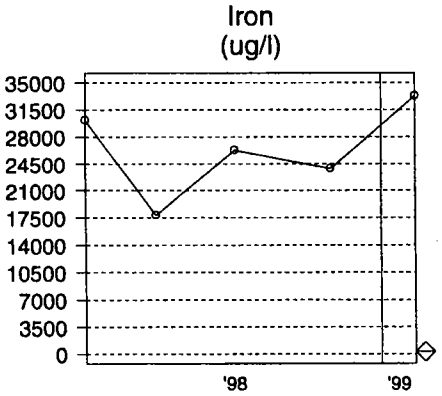
Well 8 of 14

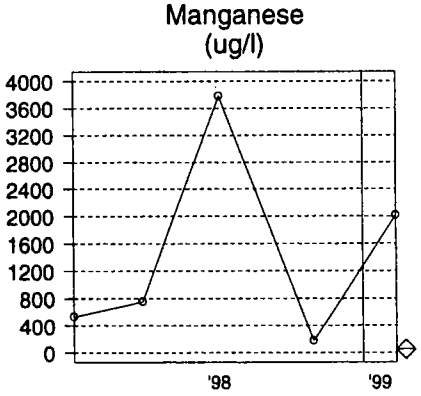
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

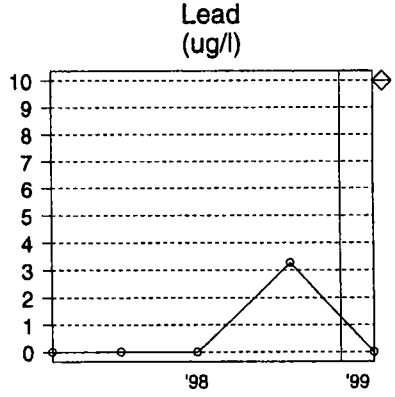


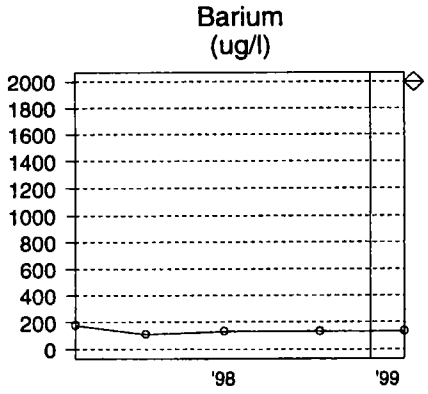


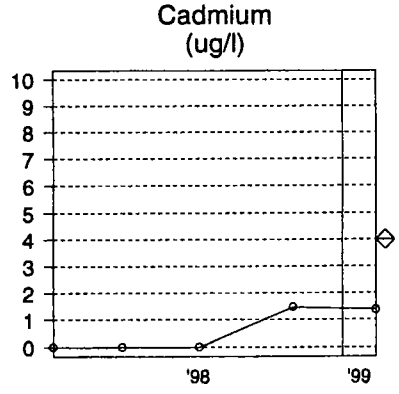


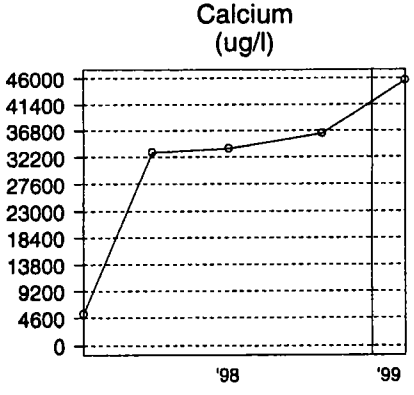












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw\

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
02/11/98	FMETL	6840	4.5	7700	7540	39	8.80				V,S,P,M
04/27/98	FMETL	5041	3.5	7929	8592	38.9	8.49				V,S,P,M
07/22/98	FMETL	3780	1.81	7670	8500	41.6	9.42				V,S,P,M
11/06/98	FMETL	5230	4.16	7470	8050	51.3	10.33				V,S,P,M
02/03/99	FMETL	4220	4.41	7140	9840	68.4	8.96				V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 02/03/99

NOTES:

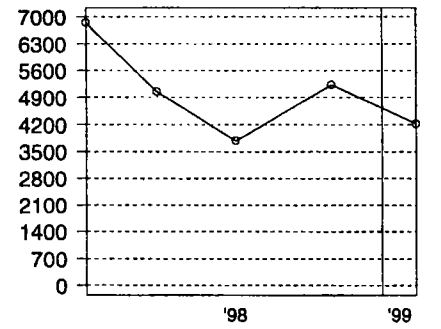
Silver in blank > GW Criteria for May 97.

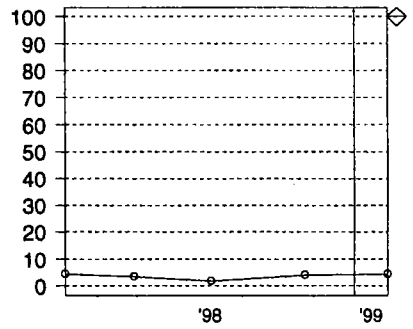
FORT MONMOUTH

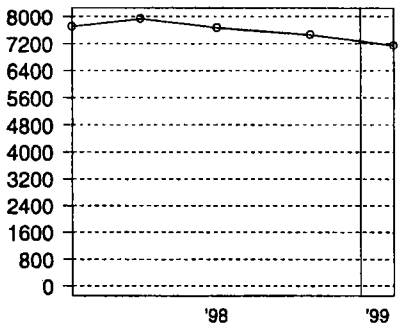
GW MONITORING
Bldg M-2

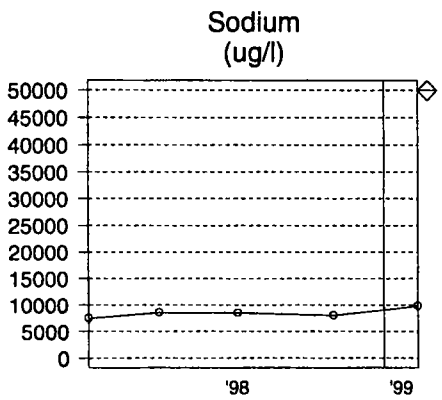
Well 8 of 14

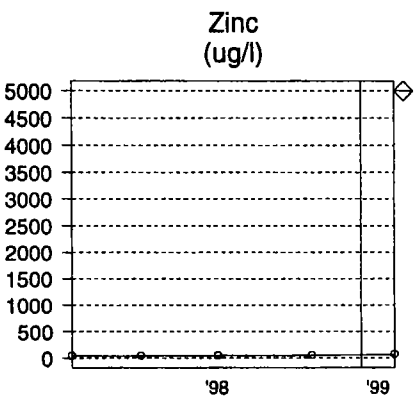
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

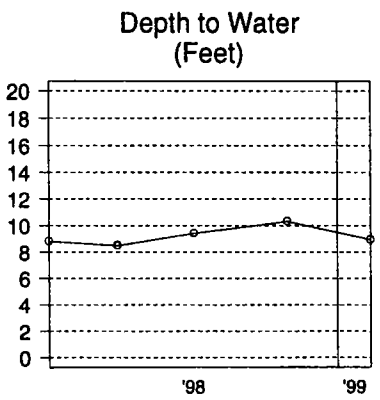












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw\

	Lab	Acetone	2-But anone	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Aluminum	Manganese	Lead	Barium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	900	30	200	50	10	2000	NLE	-
10/19/98	FMETL	ND	9.29	ND	ND	1080	34.2	4.09	35.8	14300	V,S,P,M
11/02/98	FMETL	5.49	3.19	ND	ND	4860	45.5	15.3	65.4	15200	V,S,P,M
02/03/99	FMETL	ND	ND	1.58	40.9	633	48.2	4.62	171	13800	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

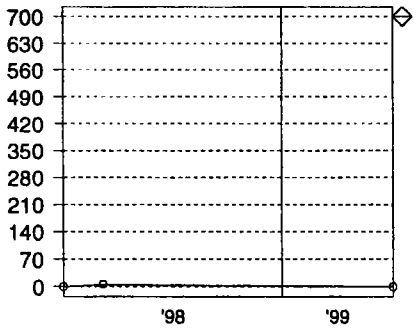
FORT MONMOUTH

GW MONITORING
Bldg M-2

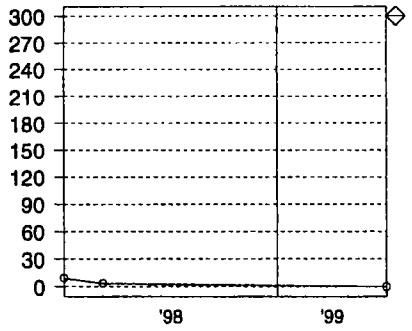
Well 9 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

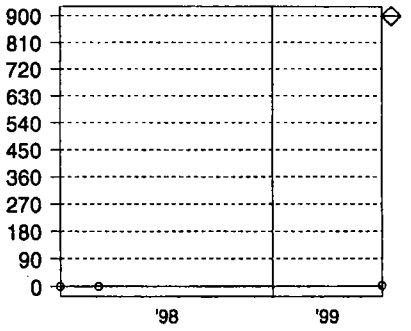
Acetone
(ug/l)



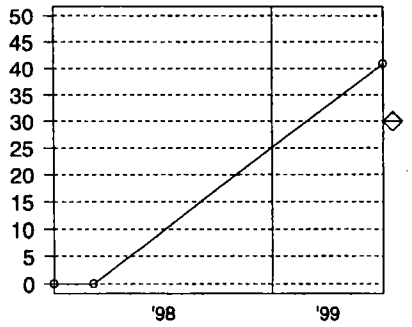
2-Butanone
(ug/l)



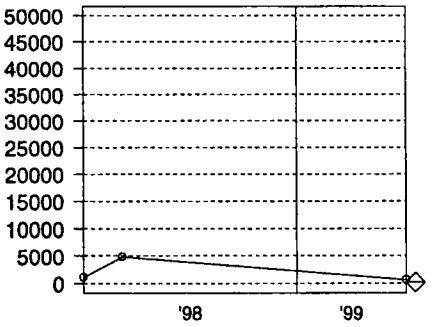
Di-n-butylphthalate
(ug/l)



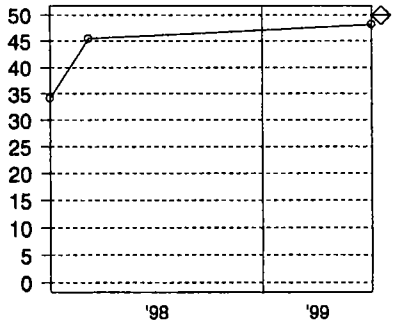
bis(2-Ethylhexyl)phthalate
(ug/l)



Aluminum
(ug/l)

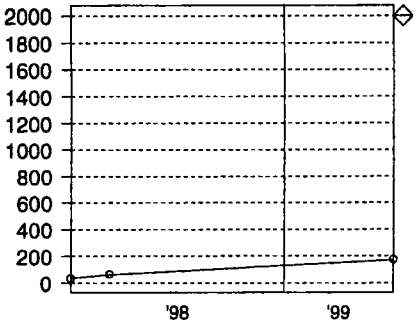


Manganese
(ug/l)

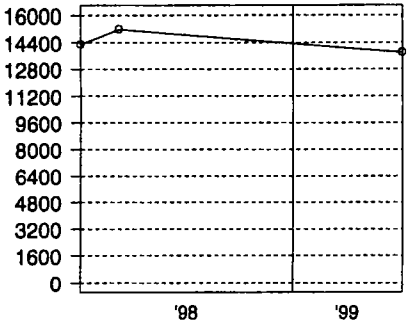


Lead
(ug/l)

Barium
(ug/l)



Calcium
(ug/l)



SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw\

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	2660	6.31	6550	5070	16.4	6.84				V,S,P,M
11/02/98	FMETL	4270	13.7	10200	4830	53.5	6.84				V,S,P,M
02/03/99	FMETL	1970	3.3	4630	6910	43.4	6.14				V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

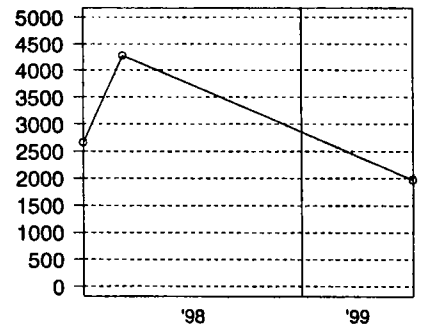
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

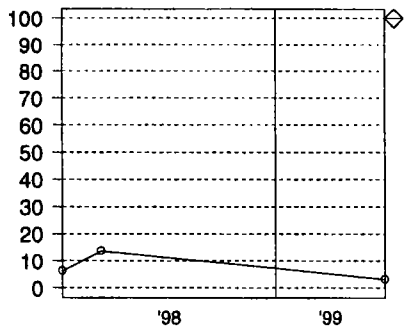
FORT MONMOUTH

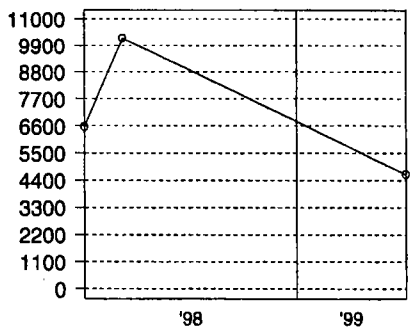
GW MONITORING
Bldg M-2

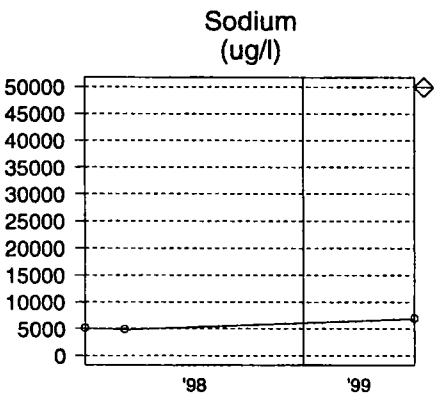
Well 9 of 14

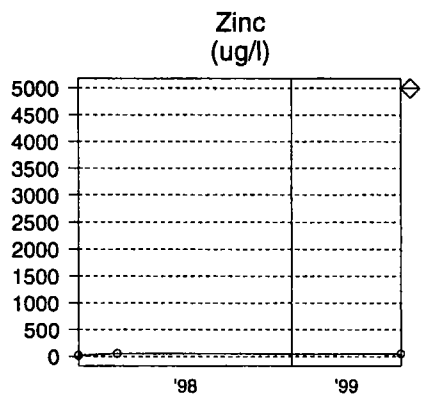
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

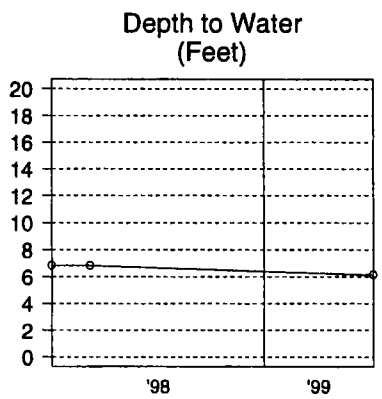












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\g sf

	Lab	Acetone	Chloro benzene	2-But anone	Arochlor 1016	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	0.50	200	300	50	10	2000	-
10/19/98	FMETL	ND	1.36	8.86	0.865	1240	16500	72.5	22.4	102	V,S,P,M
11/02/98	FMETL	7.45	ND	4.65	2.26	10300	43500	92.7	90.5	175	V,S,P,M
02/03/99	FMETL	ND	ND	ND	0.611	1330	50700	138	13.6	185	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

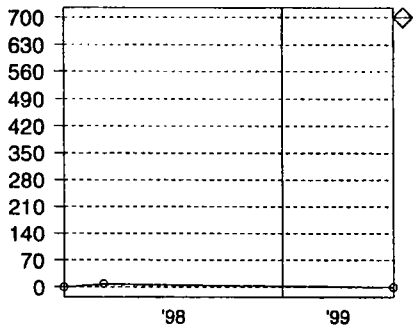
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

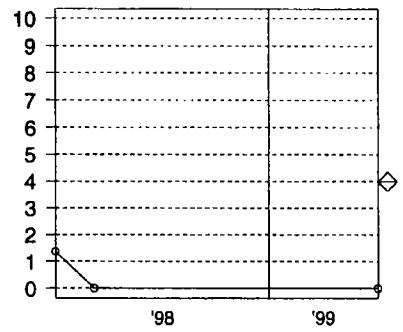
FORT MONMOUTH

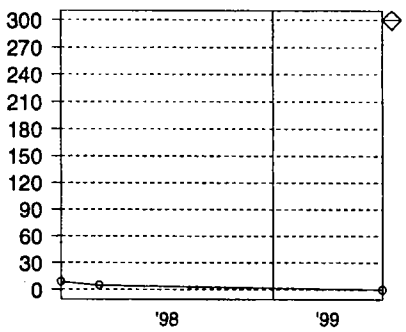
GW MONITORING
Bldg M-2

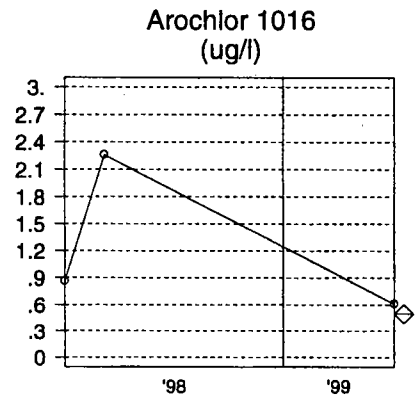
Well 10 of 14

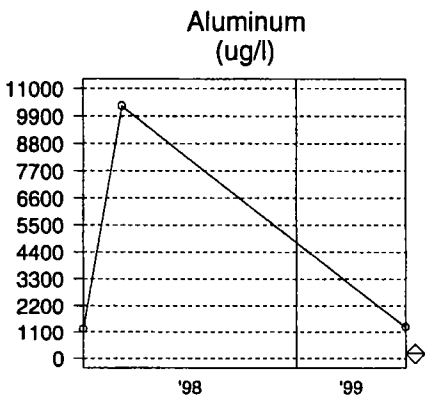
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

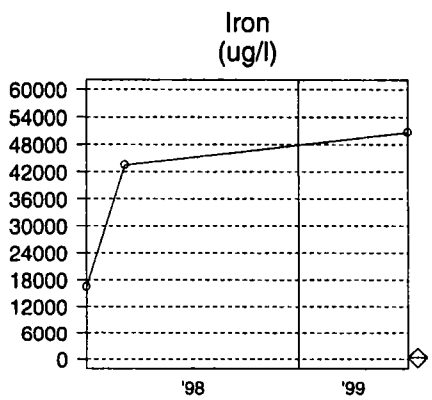


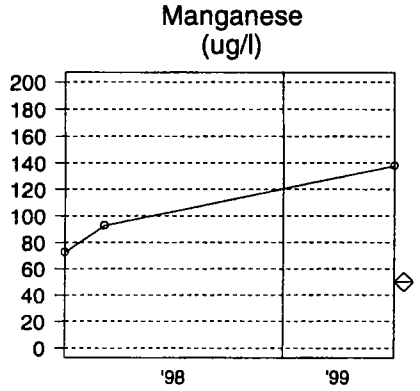


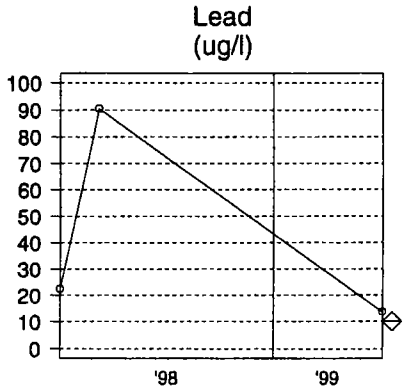


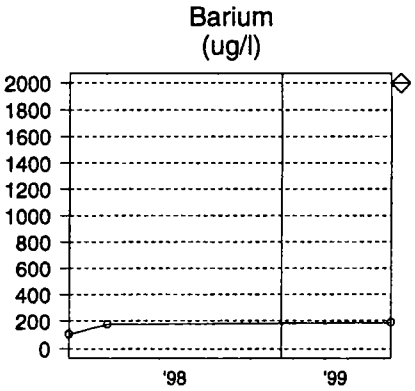












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gv

	Lab	Cadmium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	4	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	ND	4970	3.62	7660	6970	83.5	9.12			V,S,P,M
11/02/98	FMETL	ND	8030	18.9	15100	8090	392	9.12			V,S,P,M
02/03/99	FMETL	0.969	5620	5.53	7000	8620	100	8.18			V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

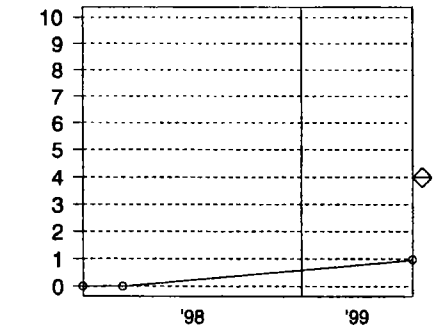
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 2.

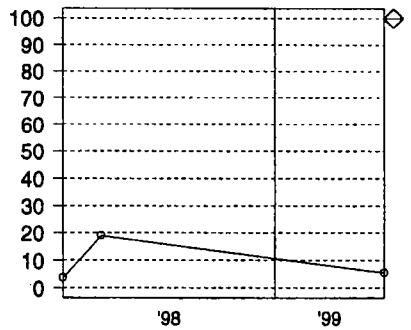
FORT MONMOUTH

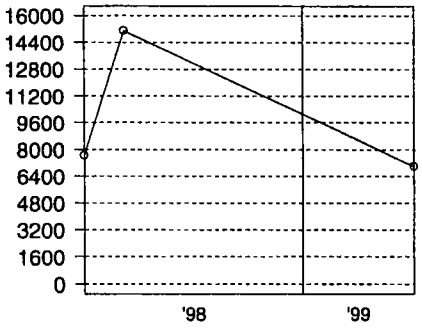
GW MONITORING
Bldg M-2

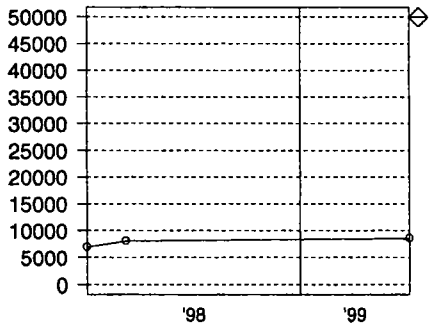
Well 10 of 14

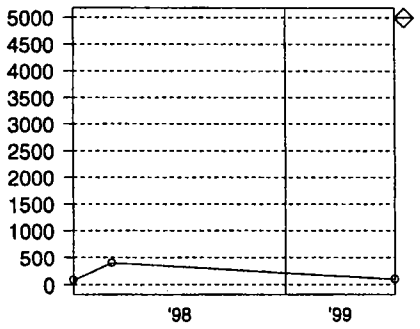
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

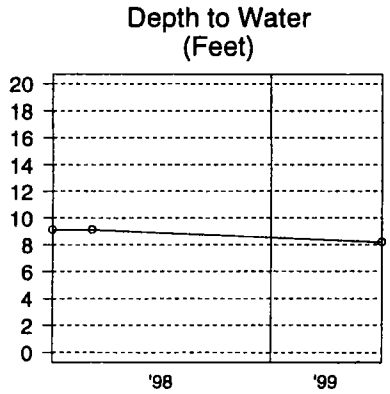












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw

	Lab	Acetone	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	ND	11.29	1480	14800	94.8	13	96.6	ND	51700	V,S,P,M
11/02/98	FMETL	6.63	5.45	3870	23800	82.2	16.4	107	2.36	51000	V,S,P,M
02/03/99	FMETL	ND	ND	433	41800	79.6	3.41	103	1.94	48300	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

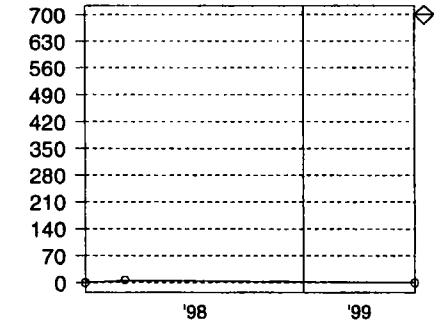
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 1 of 2.

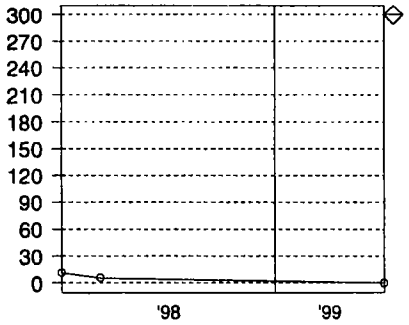
FORT MONMOUTH

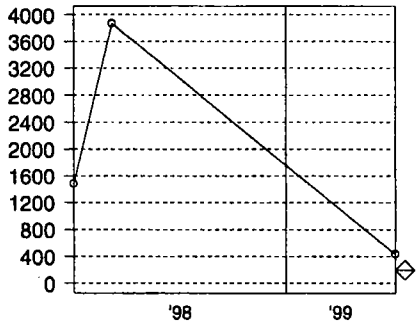
GW MONITORING
Bldg M-2

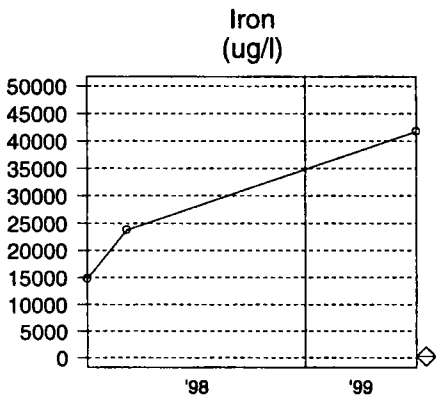
Well 11 of 14

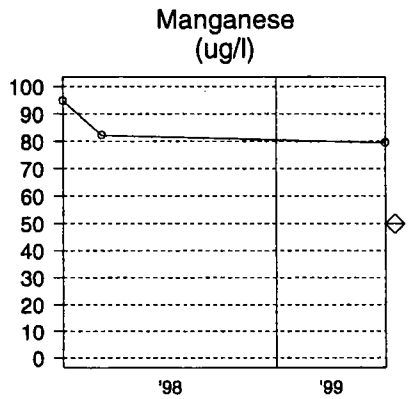
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

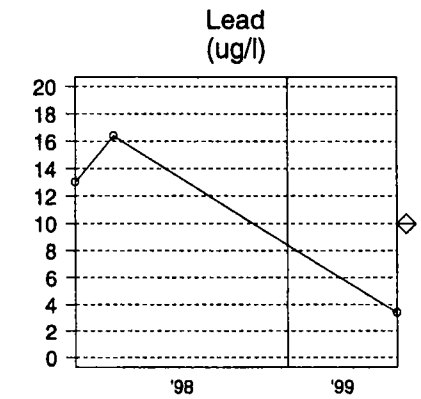


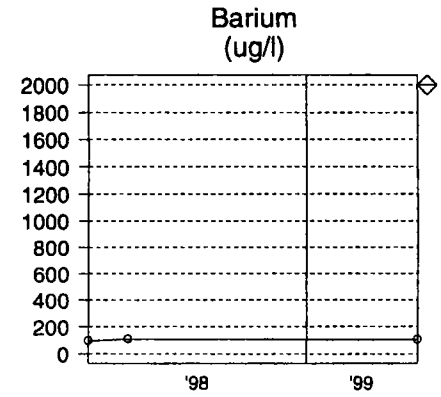


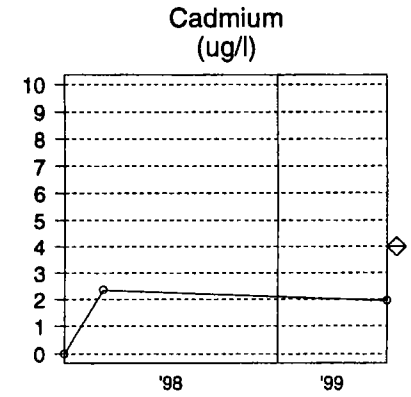


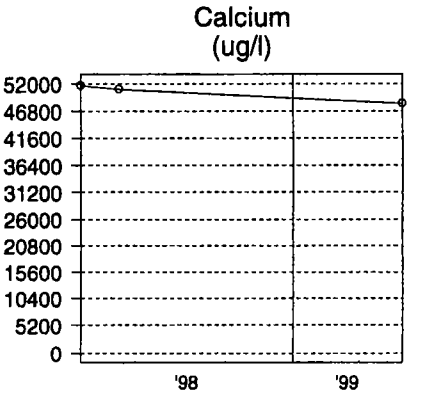












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gv

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	6010	8.01	7310	13500	93.8	7.61				V,S,P,M
11/02/98	FMETL	6450	12	8570	8650	144	7.61				V,S,P,M
02/03/99	FMETL	5240	2.46	5260	9530	70.1	6.66				V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

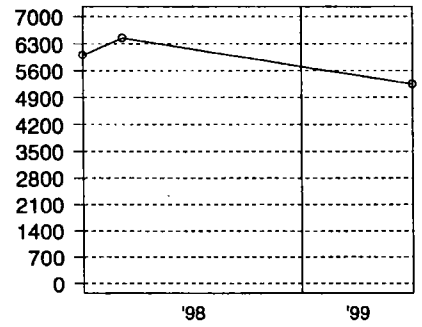
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

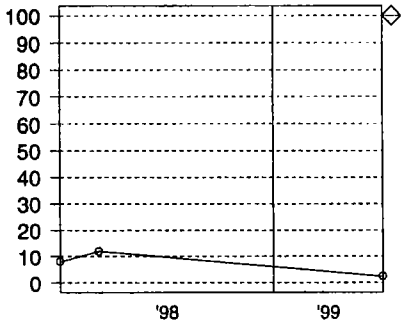
FORT MONMOUTH

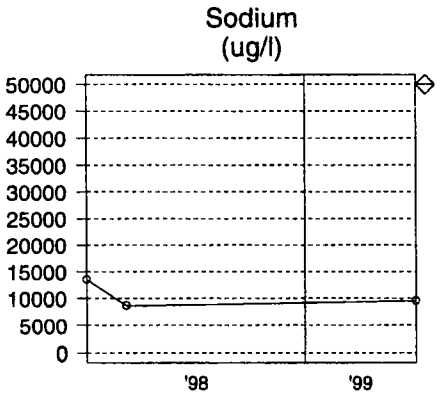
GW MONITORING
Bldg M-2

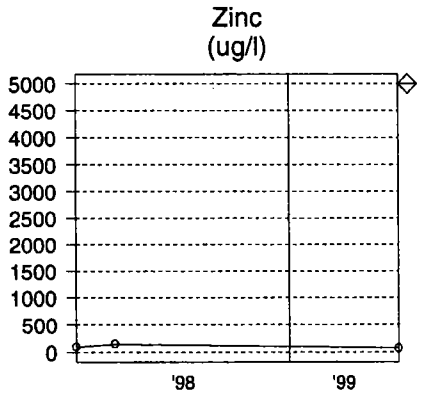
Well 11 of 14

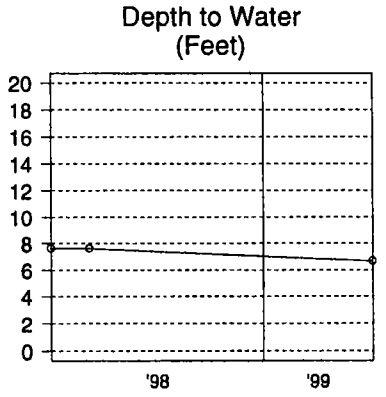
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 11 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gv

	Lab	Acetone	Benzene	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	200	300	50	10	2000	4	-
10/19/98	FMETL	17.89	7.46	86.82	1490	18400	55.1	11	72.6	ND	V,S,P,M
11/02/98	FMETL	11.27	5.88	28.18	8250	46100	69.9	45	87.2	ND	V,S,P,M
02/03/99	FMETL	ND	5.56	ND	1350	76500	61.7	5.57	136	1.16	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

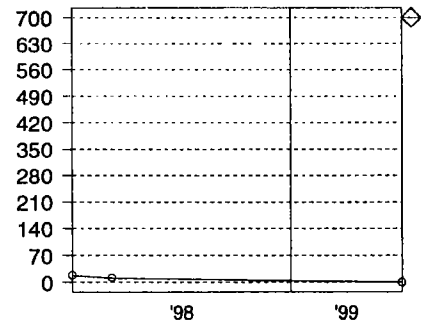
Silver in blank > GW Criteria for May 97.

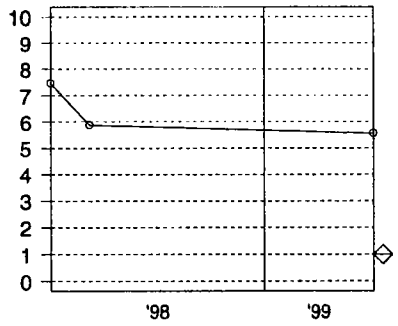
FORT MONMOUTH

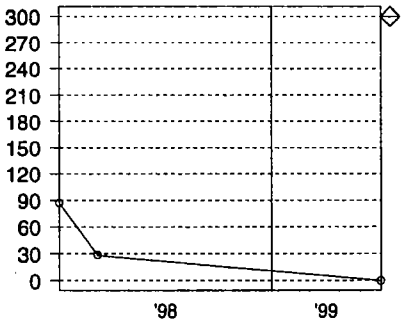
GW MONITORING
Bldg M-2

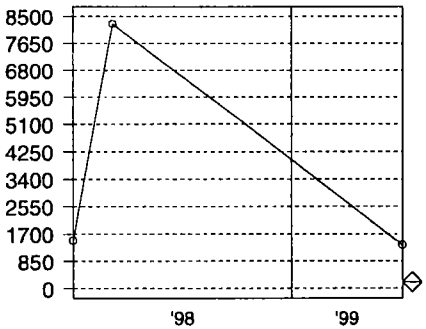
Well 1 of 1

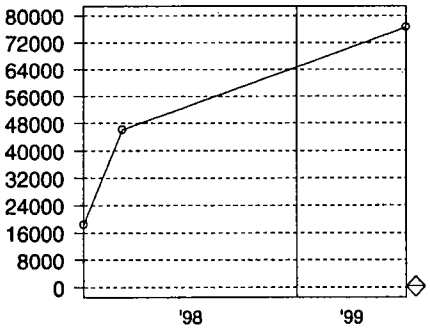
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

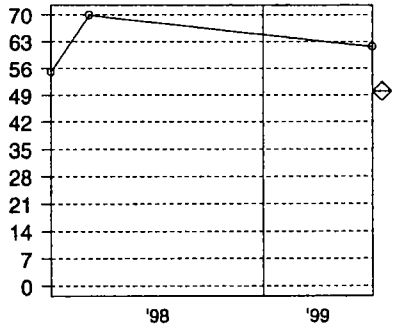


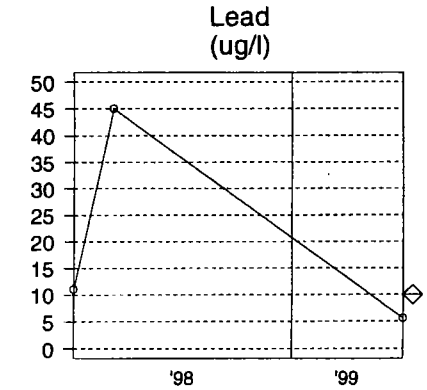


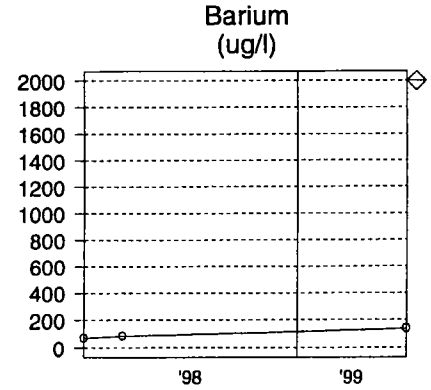


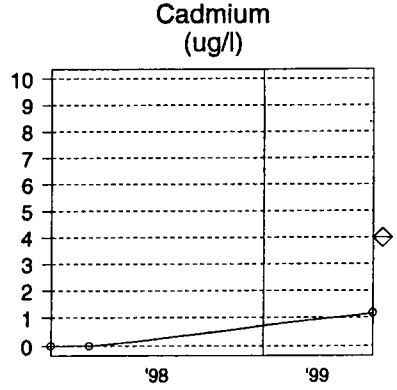












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

05-26-1999 c:\mtech46\fm\m-2\gw

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	40000	5200	5.21	9010	7560	32.5	7.48			V,S,P,M
11/02/98	FMETL	42700	8600	10.5	19100	8240	95.3	7.48			V,S,P,M
02/03/99	FMETL	39400	4460	3.71	7260	8690	96.4	6.46			V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

Silver in blank > GW Criteria for May 97.
Well installed 9/98.

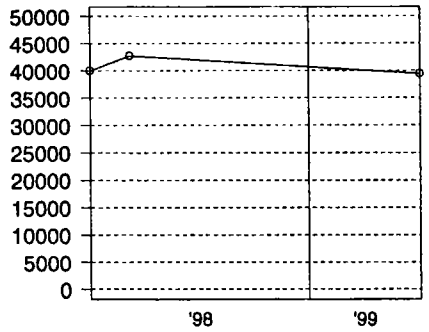
FORT MONMOUTH

GW MONITORING
Bldg M-2

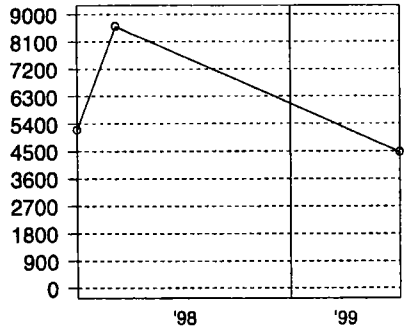
Well 12 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

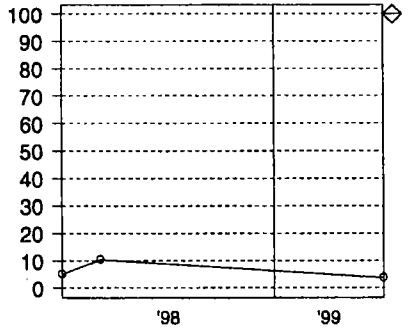
Calcium
(ug/l)



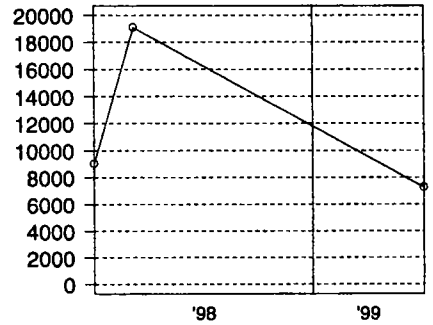
Magnesium
(ug/l)



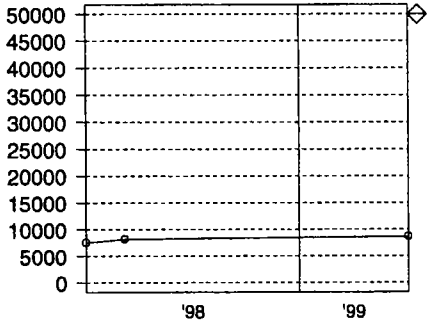
Nickel
(ug/l)



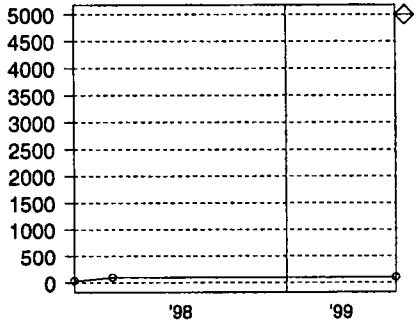
Potassium
(ug/l)



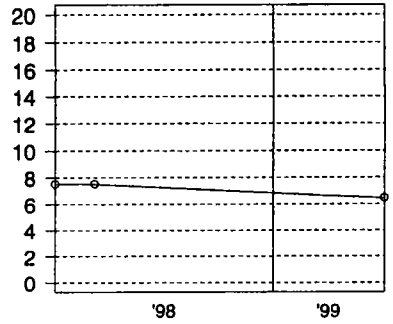
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 12 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gv sf

	Lab	Acetone	Benzene	Chloro benzene	2-But anone	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	4	300	0.50	0.50	200	300	50	-
10/19/98	FMETL	6.3	538.24	ND	5.47	0.70	3.85	455	10400	1920	V,S,P,M
11/02/98	FMETL	6.22	205.68	ND	3.19	0.26	1.47	7880	36100	1560	V,S,P,M
02/03/99	FMETL	ND	263.2	1.99	ND	0.244	1.187	3250	30900	4260	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

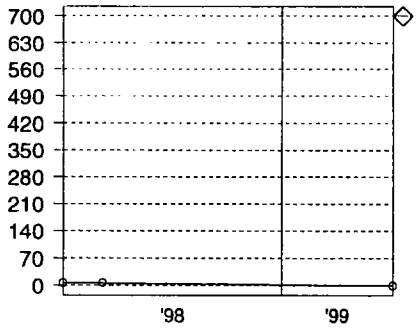
Silver in blank > GW Criteria for May 97.

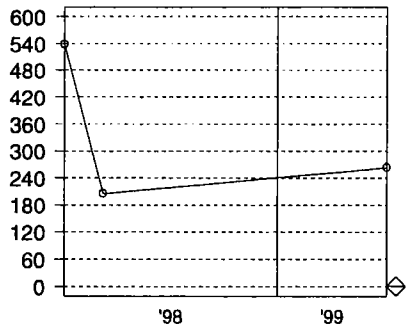
FORT MONMOUTH

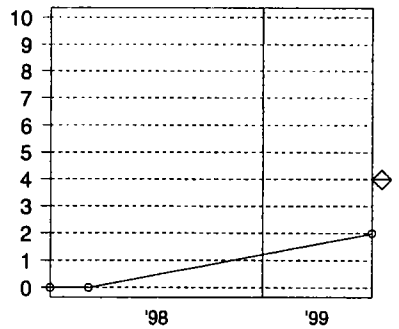
GW MONITORING
Bldg M-2

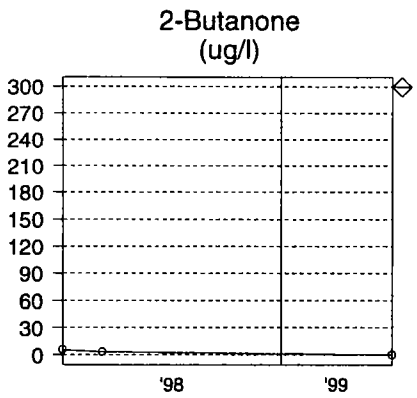
Well 1 of 1

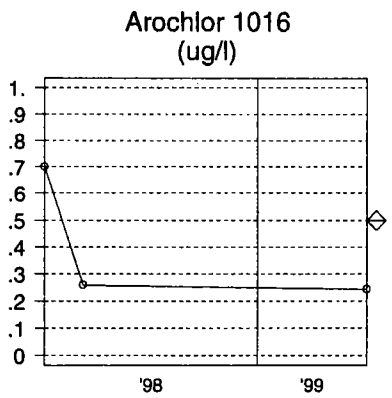
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

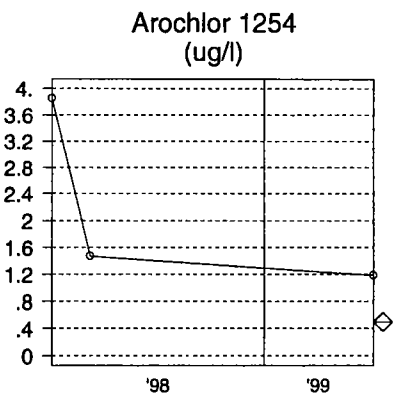


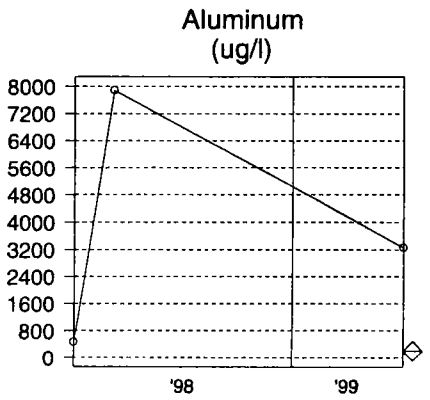


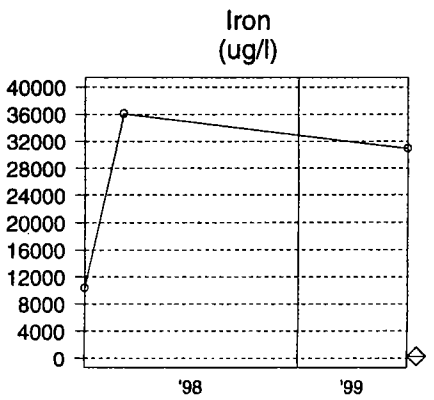


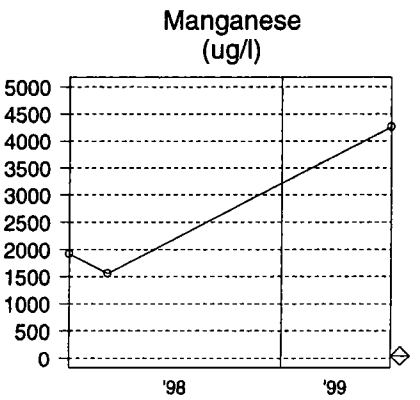












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 1, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

05-26-1999 c:\mtech46\fm\m-2\gw\

	Lab	Lead	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	2000	4	NLE	NLE	100	NLE	50000	5000	-
10/19/98	FMETL	7	87	ND	68200	5650	1.1	8290	7600	105	V,S,P,M
11/02/98	FMETL	41.6	146	0.987	56200	7540	14.2	16000	7580	565	V,S,P,M
02/03/99	FMETL	13.1	178	4.49	99300	7820	9.7	10600	10500	474	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

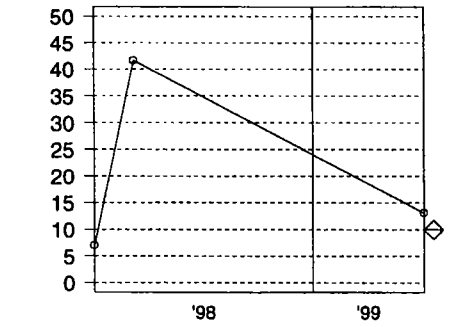
Silver in blank > GW Criteria for May 97.
Well installed 9/98.
Page 2 of 3.

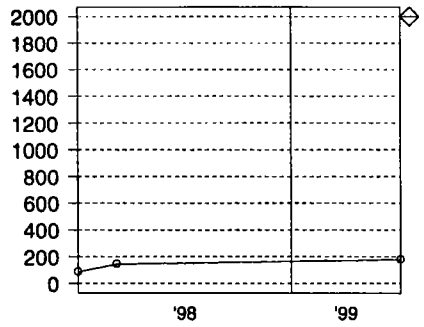
FORT MONMOUTH

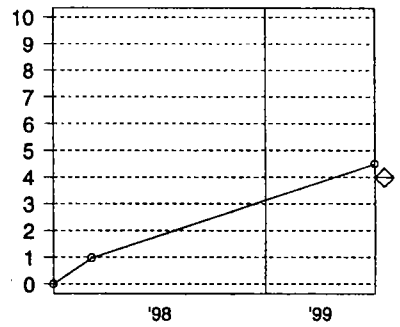
GW MONITORING
Bldg M-2

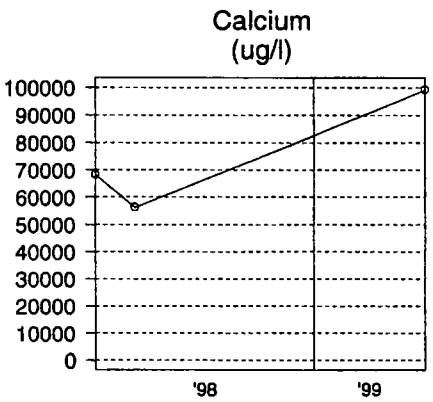
Well 13 of 14

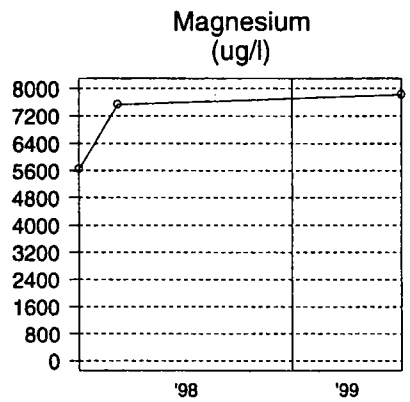
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

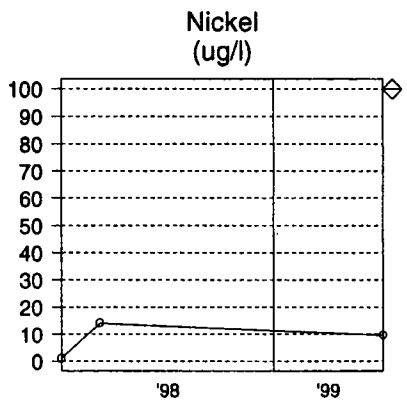


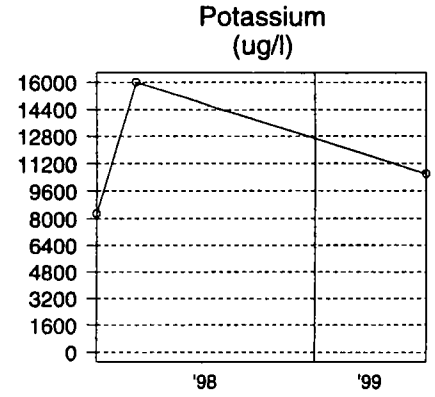


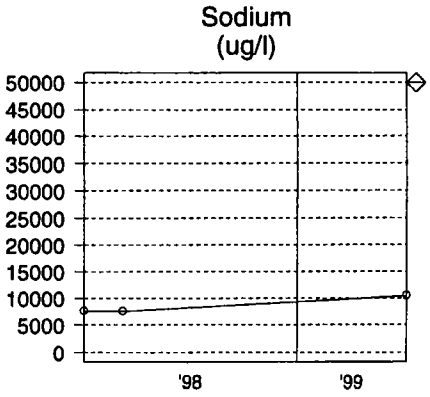


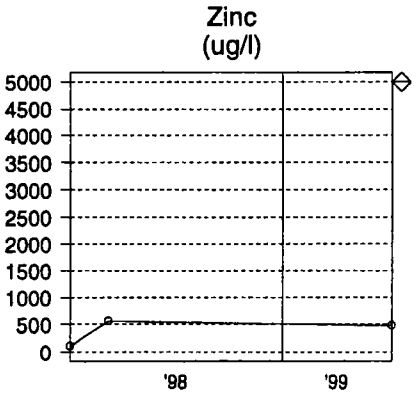












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\g

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
10/19/98	FMETL	10.85									V,S,P,M
11/02/98	FMETL	10.85									V,S,P,M
02/03/99	FMETL	10.17									V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

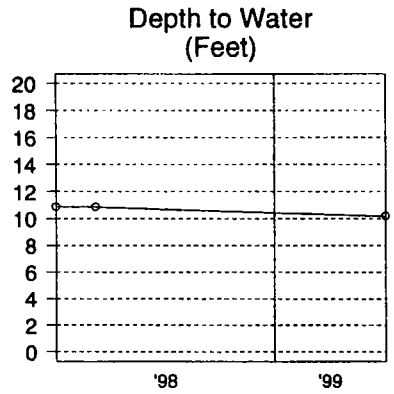
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 13 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gv

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	9.04	9.93	486	4280	22.5	2.94	23.1	ND	24600	V,S,P,M
11/02/98	FMETL	5.21	2.85	3670	20600	47.4	4.47	58.6	ND	45300	V,S,P,M
02/03/99	FMETL	ND	ND	638	24300	68.6	ND	168	0.845	44100	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 02/03/99

NOTES:

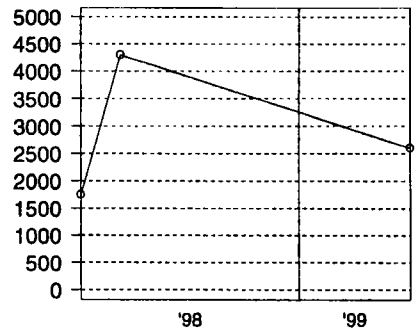
Silver in blank > GW Criteria for May 97.
Well installed 9/98.

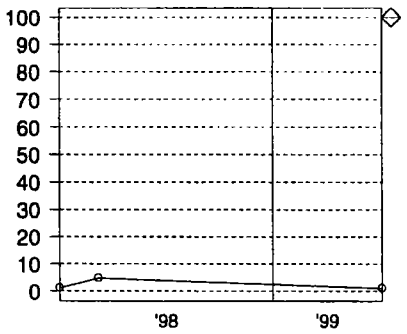
FORT MONMOUTH

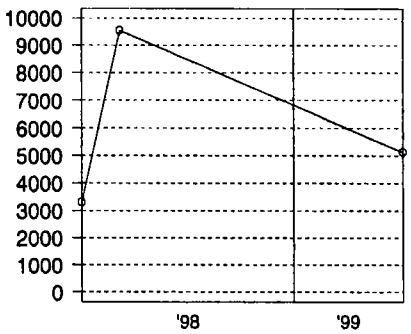
GW MONITORING
Bldg M-2

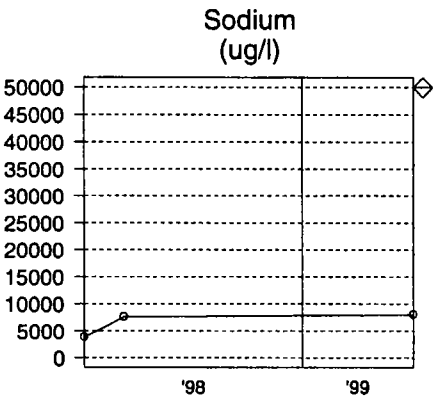
Well 14 of 14

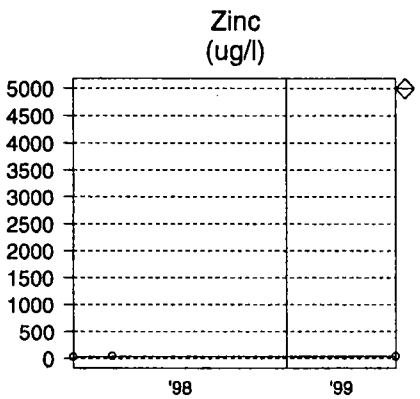
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

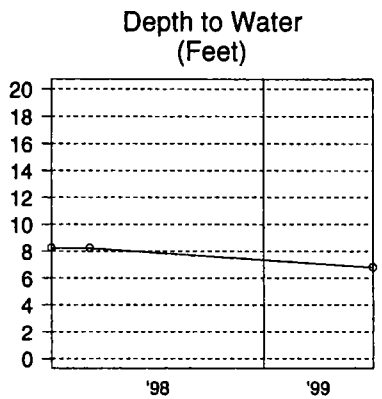












SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 02/03/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 14 of 14, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

03-24-1999 c:\mtech46\fm\m-2\gw\r

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4551.03	00M2MW01	29-32584	06/15/99
4551.04	00M2MW02	29-32585	06/15/99
4551.05	00M2MW03	29-32586	06/15/99
4551.06	00M2MW04	29-37988	06/15/99
4551.07	00M2MW05	29-39185	06/15/99
4551.08	00M2MW06	29-39184	06/15/99
4551.09	00M2MW07	29-39183	06/15/99
4551.10	00M2MW08	29-39182	06/15/99
4551.11	00M2MW09	29-39181	06/15/99
4551.12	00M2MW10	29-39180	06/15/99

NJDEP Laboratory Certification # 13461

7.22.99
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FAHLON
Phone #: 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M2 mw's 2nd Qtr '99

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA +15	BNA +25	Pest/PCB	TAL MTLS				Hex. Read	Comments: HCL/HNO3/4°C Remarks / Preservation Method
4551.01	Trip	6/15/99	0730	AQ	2	✓							—	
.02	Field Blank		0955		5	✓	✓	✓	✓				—	
.03	00 M2 MW 01		1048			✓	✓	✓	✓				0.0	29-32584
.04	00 M2 MW02		1119			✓	✓	✓	✓				0.0	29-32585
.05	00 M2 MW03		1055			✓	✓	✓	✓				0.0	29-32586
.06	00 M2 MW04		1131			✓	✓	✓	✓				0.0	29-37988
.07*	00 M2 MW05		1001			✓	✓	✓	✓				0.0	29-39185
.08	00 M2 MW 06		1237			✓	✓	✓	✓				0.7	29-39184
.09	00 M2 MW 07		1313			✓	✓	✓	✓				0.0	29-39183
.10	00 M2 MW 08		1400			✓	✓	✓	✓				0.0	29-39182
.11	00 M2 MW 09		1402			✓	✓	✓	✓				0.4	29-39181
.12	00 M2 MW 10		1500			✓	✓	✓	✓				0.0	29-39180
.13	Dupe	↓	—	↓	↓	✓	✓	✓	✓				—	

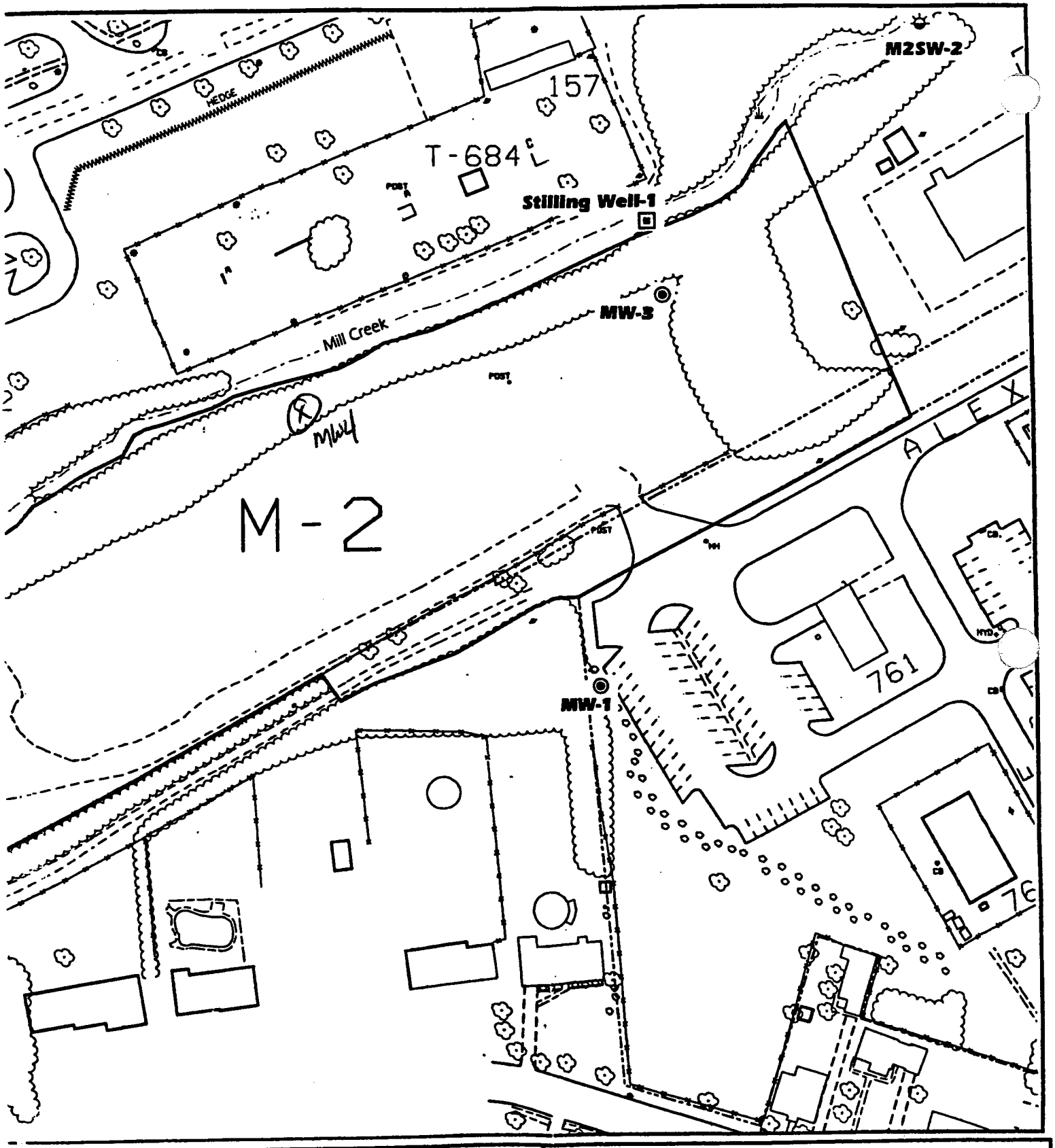
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/15/99 1530	J. Chaplin			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: H-O

print legibly

coc.XLS4/30/99



Fort Monmouth, Main Post

FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006734.D	Sample Name	Vblk197
Operator	Deinhardt	Field ID	Vblk197
Date Acquired	17 Jun 1999 2:34 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk197**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk197

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006734.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006736.D	Sample Name	4551.01
Operator	Deinhardt	Field ID	Trip Blank
Date Acquired	17 Jun 1999 4:05 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006736.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006737.D	Sample Name	4551.02
Operator	Deinhardt	Field ID	Field Blank
Date Acquired	17 Jun 1999 4:40 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006737.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	6	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006738.D	Sample Name	4551.03
Operator	Deinhardt	Field ID	00M2MW01
Date Acquired	17 Jun 1999 5:16 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW01

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006738.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	21	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006739.D	Sample Name	4551.04
Operator	Deinhardt	Field ID	00M2MW02
Date Acquired	17 Jun 1999 5:51 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.14	148942	4.70 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	21.57	365930	22.30 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW02

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006739.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	13	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006740.D	Sample Name	4551.05
Operator	Deinhardt	Field ID	00M2MW03
Date Acquired	17 Jun 1999 6:25 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	21.57	69920	4.29 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW03

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006740.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	22	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006741.D	Sample Name	4551.06
Operator	Deinhardt	Field ID	00M2MW04
Date Acquired	17 Jun 1999 7:00 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006741.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	20	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VA006742.D**
Operator **Deinhardt**
Date Acquired **17 Jun 1999 7:35 pm**

Sample Name **4551.07**
Field ID **00M2MW05**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW05

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006742.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	18	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VA006743.D**
Operator **Deinhardt**
Date Acquired **17 Jun 1999 8:10 pm**

Sample Name **4551.08**
Field ID **00M2MW06**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW06

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006743.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-85-4	Amylene Hydrate	12.68	30	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VA006744.D**
Operator **Deinhardt**
Date Acquired **17 Jun 1999 8:45 pm**

Sample Name **4551.09**
Field ID **00M2MW07**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW07

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006744.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	18	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006745.D	Sample Name	4551.10
Operator	Deinhardt	Field ID	00M2MW08
Date Acquired	17 Jun 1999 9:19 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.13	124892	4.13 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006745.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. _____ Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	20	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VA006746.D**
Operator **Deinhardt**
Date Acquired **17 Jun 1999 9:54 pm**

Sample Name **4551.11**
Field ID **00M2MW09**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	14.13	714184	23.39 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW09

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006746.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	18	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006747.D	Sample Name	4551.12
Operator	Deinhardt	Field ID	00M2MW10
Date Acquired	17 Jun 1999 10:28 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	11.61	74057	12.64 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006747.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.00	18	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VA006748.D	Sample Name	4551.13
Operator	Deinhardt	Field ID	Dupe
Date Acquired	17 Jun 1999 11:03 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project LTM

NJDEP # 13461 Case No.: 4551 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VA006748.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: not dec. _____ Date Analyzed: 6/17/99

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	10.03	21	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02783.D**	Sample Name	**Sblk267**
Operator	**Bhaskar**	Misc Info	**Sblk267 A 990617**
Date Acquired	**24-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02783.D**	Sample Name	**Sblk267**
Operator	**Bhaskar**	Misc Info	**Sblk267 A 990617**
Date Acquired	**24-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Sblk267**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk267

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02783.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/24/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02805.D**	Sample Name	**Sblk268**
Operator	**Bhaskar**	Misc Info	**Sblk268 A 990618**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02805.D**	Sample Name	**Sblk268**
Operator	**Bhaskar**	Misc Info	**Sblk268 A 990618**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate	20.06	486957	1.96 ug/L	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Sblk268**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk268

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02805.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/18/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02793.D**	Sample Name	**4551.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02793.D**	Sample Name	**4551.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02793.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02794.D**	Sample Name	**4551.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02794.D**	Sample Name	**4551.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02794.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02795.D**	Sample Name	**4551.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene	7.92	269246	2.78 ug/L	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02795.D**	Sample Name	**4551.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02795.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02796.D**	Sample Name	**4551.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

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Data File Name	**BNA02796.D**	Sample Name	**4551.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW03

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02796.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02797.D**	Sample Name	**4551.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00 ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94 ug/L	
62-53-3	Aniline			not detected	NLE	0.15 ug/L	
108-95-2	Phenol			not detected	4000	0.47 ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48 ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23 ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16 ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14 ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61 ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14 ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36 ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33 ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46 ug/L	
78-59-1	Isophorone			not detected	100	0.35 ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23 ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27 ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46 ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12 ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26 ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25 ug/L	
91-20-3	Naphthalene	10.77	320783	1.27 ug/L	NLE	0.25 ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19 ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38 ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18 ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16 ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50 ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42 ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31 ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32 ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21 ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18 ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19 ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31 ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26 ug/L	
83-32-9	Acenaphthene			not detected	400	0.26 ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69 ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32 ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27 ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02797.D**	Sample Name	**4551.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02797.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02798.D**	Sample Name	**4551.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02798.D**	Sample Name	**4551.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW05

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4551.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02798.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02799.D**	Sample Name	**4551.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02799.D**	Sample Name	**4551.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: 00M2MW06

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02799.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02800.D**	Sample Name	**4551.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02800.D**	Sample Name	**4551.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02800.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02801.D**	Sample Name	**4551.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02801.D**	Sample Name	**4551.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02801.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02802.D**	Sample Name	**4551.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA02802.D**	Sample Name	**4551.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02802.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/17/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02803.D**	Sample Name	**4551.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA02803.D**	Sample Name	**4551.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02803.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/18/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA02804.D**	Sample Name	**4551.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	5.00	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.94	ug/L	
62-53-3	Aniline			not detected	NLE	0.15	ug/L	
108-95-2	Phenol			not detected	4000	0.47	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	0.48	ug/L	
95-57-8	2-Chlorophenol			not detected	40	0.18	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.15	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.23	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	0.18	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.16	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	0.14	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	0.61	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.14	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.36	ug/L	
67-72-1	Hexachloroethane			not detected	10	0.33	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.46	ug/L	
78-59-1	Isophorone			not detected	100	0.35	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	0.23	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	0.27	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	0.46	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	0.12	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	0.26	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	0.25	ug/L	
91-20-3	Naphthalene			not detected	NLE	0.25	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	0.19	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.38	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	0.18	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	0.16	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.50	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	0.42	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	0.31	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	0.32	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.21	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	0.18	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.19	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.31	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.26	ug/L	
83-32-9	Acenaphthene			not detected	400	0.26	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	0.69	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	0.32	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	0.27	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA02804.D**	Sample Name	**4551.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**25-Jun-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.36	ug/L	
84-66-2	Diethylphthalate			not detected	5000	0.82	ug/L	
86-73-7	Fluorene			not detected	300	0.29	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	0.31	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	0.90	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	0.44	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	0.23	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.80	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.55	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.82	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.08	ug/L	
85-01-8	Phenanthrene			not detected	NLE	0.18	ug/L	
120-12-7	Anthracene			not detected	2000	0.19	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	0.23	ug/L	
206-44-0	Fluoranthene			not detected	300	0.41	ug/L	
92-87-5	Benzidine			not detected	50	1.45	ug/L	
129-00-0	Pyrene			not detected	200	0.32	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	0.47	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	0.22	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	0.46	ug/L	
218-01-9	Chrysene			not detected	20	0.20	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	0.51	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	0.82	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	0.37	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	0.32	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	0.31	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.79	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.28	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.40	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 4551 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4551.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA02804.D

Level: (low/med) LOW Date Received: 6/15/99

% Moisture: decanted: (Y/N) N Date Extracted: 6/18/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/25/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK356
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK357
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/16/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/18/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1	16.30	0.10	0.0022	**0.007**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4551.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/15/99
	Bldg. 173	**Extraction Date:**	6/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/26/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1		0.10	0.0009	**ND**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551
Sample Prepared: 07/01/99

Site: M2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	61.0	200	10.0
Antimony	07/01/99	5.85	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	ND	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	20.7	4	0.5
Calcium	07/01/99	204	NLE	20.0
Chromium	07/01/99	1.14	100	0.5
Cobalt	07/01/99	ND	NLE	0.5
Copper	07/01/99	193	1000	3.0
Iron	07/01/99	65.0	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	178	NLE	20.0
Manganese	07/01/99	1.78	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	2.35	100	0.5
Potassium	07/01/99	31.0	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	181	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	ND	NLE	1.0
Zinc	07/01/99	6.00	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.02
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	ND	200	10.0
Antimony	07/01/99	2.31	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	1.25	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	12.7	4	0.5
Calcium	07/01/99	352	NLE	20.0
Chromium	07/01/99	871	100	0.5
Cobalt	07/01/99	4.35	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	485	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	93.5	NLE	20.0
Manganese	07/01/99	22.7	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	13300	100	0.5
Potassium	07/01/99	161	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	502	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	2.47	NLE	1.0
Zinc	07/01/99	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.03
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	561	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	45.5	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	1.56	4	0.5
Calcium	07/01/99	13400	NLE	20.0
Chromium	07/01/99	2.34	100	0.5
Cobalt	07/01/99	5.06	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	698	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	4230	NLE	20.0
Manganese	07/01/99	84.3	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	19.4	100	0.5
Potassium	07/01/99	5980	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	12800	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	ND	NLE	1.0
Zinc	07/01/99	941	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.04
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	ND	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	258	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	0.968	4	0.5
Calcium	07/01/99	101000	NLE	20.0
Chromium	07/01/99	2.32	100	0.5
Cobalt	07/01/99	1.21	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	17000	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	9140	NLE	20.0
Manganese	07/01/99	254	50	0.5
Mercury	07/09/99	0.17	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	29000	NLE	20.0
Selenium	07/01/99	3.44	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	15500	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	1.64	NLE	1.0
Zinc	07/01/99	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.05
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	25.0	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	84.5	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	0.845	4	0.5
Calcium	07/01/99	69300	NLE	20.0
Chromium	07/01/99	2.00	100	0.5
Cobalt	07/01/99	0.593	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	13500	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	5800	NLE	20.0
Manganese	07/01/99	412	50	0.5
Mercury	07/09/99	0.25	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	11400	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	10200	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	1.94	NLE	1.0
Zinc	07/01/99	54.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.06
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	57.6	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	155	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	0.873	4	0.5
Calcium	07/01/99	34000	NLE	20.0
Chromium	07/01/99	1.52	100	0.5
Cobalt	07/01/99	0.562	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	31300	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	3770	NLE	20.0
Manganese	07/01/99	311	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	6950	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	8040	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	1.59	NLE	1.0
Zinc	07/01/99	18.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.07
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	2040	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	6.18	8	2.0
Barium	07/01/99	419	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	1.88	4	0.5
Calcium	07/01/99	16100	NLE	20.0
Chromium	07/01/99	19.2	100	0.5
Cobalt	07/01/99	2.26	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	72000	300	10.0
Lead	07/01/99	7.58	10	2.0
Magnesium	07/01/99	2780	NLE	20.0
Manganese	07/01/99	41.5	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	1.72	100	0.5
Potassium	07/01/99	6720	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	5340	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	13.9	NLE	1.0
Zinc	07/01/99	32.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.08
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	749	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	ND	8	2.0
Barium	07/01/99	175	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	0.941	4	0.5
Calcium	07/01/99	40300	NLE	20.0
Chromium	07/01/99	6.40	100	0.5
Cobalt	07/01/99	0.944	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	38100	300	10.0
Lead	07/01/99	6.26	10	2.0
Magnesium	07/01/99	4710	NLE	20.0
Manganese	07/01/99	55.0	50	0.5
Mercury	07/09/99	0.21	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	6470	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	7190	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	4.62	NLE	1.0
Zinc	07/01/99	33.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.09
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	780	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	2.95	8	2.0
Barium	07/01/99	209	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	1.96	4	0.5
Calcium	07/01/99	51200	NLE	20.0
Chromium	07/01/99	5.82	100	0.5
Cobalt	07/01/99	1.17	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	71900	300	10.0
Lead	07/01/99	ND	10	2.0
Magnesium	07/01/99	5660	NLE	20.0
Manganese	07/01/99	80.3	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	5890	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	8800	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	6.35	NLE	1.0
Zinc	07/01/99	28.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.10
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	3630	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	2.86	8	2.0
Barium	07/01/99	562	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	4.14	4	0.5
Calcium	07/01/99	44800	NLE	20.0
Chromium	07/01/99	28.8	100	0.5
Cobalt	07/01/99	ND	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	142000	300	10.0
Lead	07/01/99	13.5	10	2.0
Magnesium	07/01/99	5910	NLE	20.0
Manganese	07/01/99	74.6	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	ND	100	0.5
Potassium	07/01/99	10300	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	7820	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	17.9	NLE	1.0
Zinc	07/01/99	34.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.11
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	32300	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	22.1	8	2.0
Barium	07/01/99	279	2000	0.5
Beryllium	07/01/99	4.47	20	0.5
Cadmium	07/01/99	15.2	4	0.5
Calcium	07/01/99	57900	NLE	20.0
Chromium	07/01/99	309	100	0.5
Cobalt	07/01/99	16.8	NLE	0.5
Copper	07/01/99	126	1000	3.0
Iron	07/01/99	99300	300	10.0
Lead	07/01/99	95.9	10	2.0
Magnesium	07/01/99	14100	NLE	20.0
Manganese	07/01/99	1430	50	0.5
Mercury	07/09/99	3.46	2	0.1
Nickel	07/01/99	46.8	100	0.5
Potassium	07/01/99	31600	NLE	20.0
Selenium	07/01/99	6.57	50	3.0
Silver	07/01/99	4.90	20	3.0
Sodium	07/01/99	7280	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	145	NLE	1.0
Zinc	07/01/99	2300	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.12
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	5610	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	5.29	8	2.0
Barium	07/01/99	404	2000	0.5
Beryllium	07/01/99	0.777	20	0.5
Cadmium	07/01/99	2.03	4	0.5
Calcium	07/01/99	53400	NLE	20.0
Chromium	07/01/99	47.3	100	0.5
Cobalt	07/01/99	3.18	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	65600	300	10.0
Lead	07/01/99	7.75	10	2.0
Magnesium	07/01/99	4430	NLE	20.0
Manganese	07/01/99	79.2	50	0.5
Mercury	07/09/99	ND	2	0.1
Nickel	07/01/99	1.43	100	0.5
Potassium	07/01/99	8860	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	7800	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	30.8	NLE	1.0
Zinc	07/01/99	41.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4551.13
Sample Received: 06/15/99
Sample Matrix: Aqueous

Site: M2
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	07/01/99	2470	200	10.0
Antimony	07/01/99	ND	20	2.0
Arsenic	07/01/99	7.05	8	2.0
Barium	07/01/99	455	2000	0.5
Beryllium	07/01/99	ND	20	0.5
Cadmium	07/01/99	1.94	4	0.5
Calcium	07/01/99	16700	NLE	20.0
Chromium	07/01/99	19.5	100	0.5
Cobalt	07/01/99	2.29	NLE	0.5
Copper	07/01/99	ND	1000	3.0
Iron	07/01/99	76800	300	10.0
Lead	07/01/99	7.54	10	2.0
Magnesium	07/01/99	2930	NLE	20.0
Manganese	07/01/99	41.8	50	0.5
Mercury	07/09/99	0.25	2	0.1
Nickel	07/01/99	1.26	100	0.5
Potassium	07/01/99	7060	NLE	20.0
Selenium	07/01/99	ND	50	3.0
Silver	07/01/99	ND	20	3.0
Sodium	07/01/99	5490	50000	20.0
Thallium	07/01/99	ND	10	3.0
Vanadium	07/01/99	14.0	NLE	1.0
Zinc	07/01/99	42.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	Aluminum	Iron	Manganese	Lead	Silver	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	30	NLE	200	300	50	10	20	2000	-
05/02/97	FMETL	ND	ND	7	360	100	150	ND	17	-	V,S,P,M
08/06/97	FMETL	ND	ND	ND	236.3	400	128	ND	ND	-	V,S,P,M
10/23/97	FMETL	6.45	ND	ND	344	488	78	11	ND	63.8	V,S,P,M
02/11/98	FMETL	29.1	1.89	ND	578	500	120	ND	ND	53.3	V,S,P,M
04/23/98	FMETL	ND	ND	ND	239	233	73.1	ND	ND	57.2	V,S,P,M
07/22/98	FMETL	ND	1.25	ND	2480	7790	83.6	ND	ND	83.1	V,S,P,M
11/06/98	FMETL	ND	ND	ND	402	1480	84.1	6.95	ND	67.6	V,S,P,M
02/03/99	FMETL	ND	ND	ND	ND	1390	133	ND	ND	76.6	V,S,P,M
06/15/99	FMETL	ND	ND	ND	561	698	84.3	ND	ND	45.5	V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10

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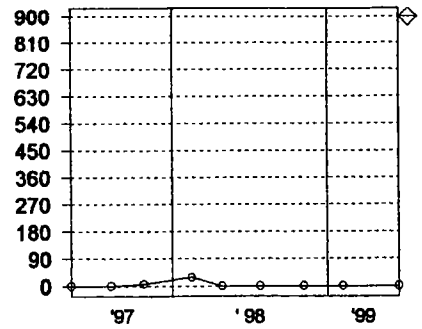
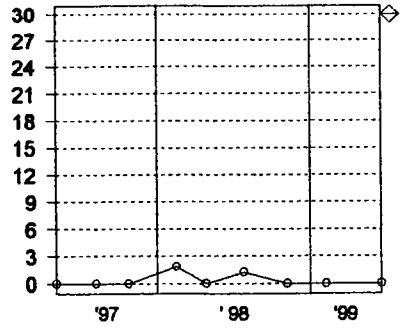
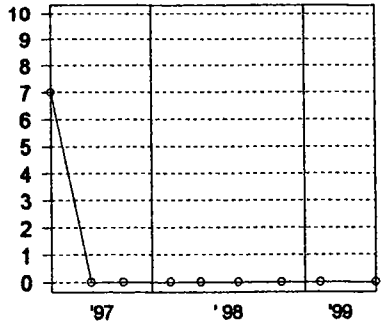
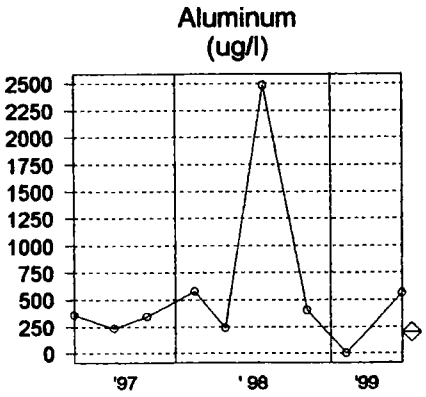
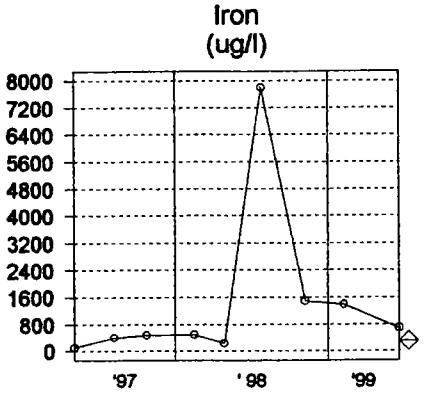
SELFM-PW-EV

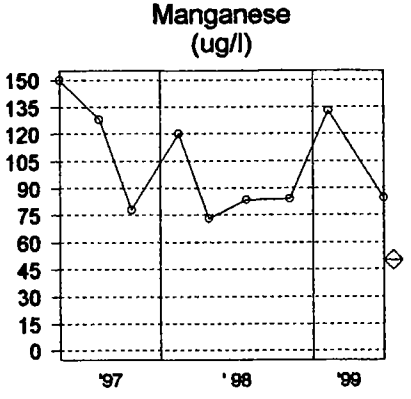


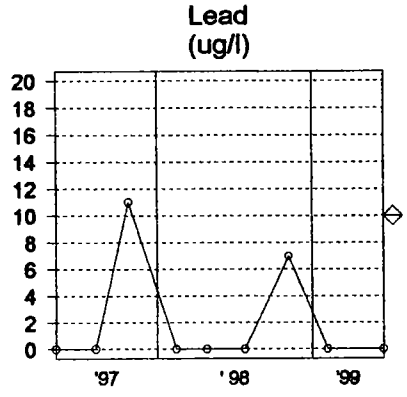


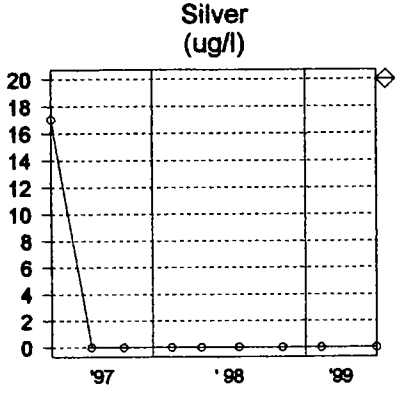


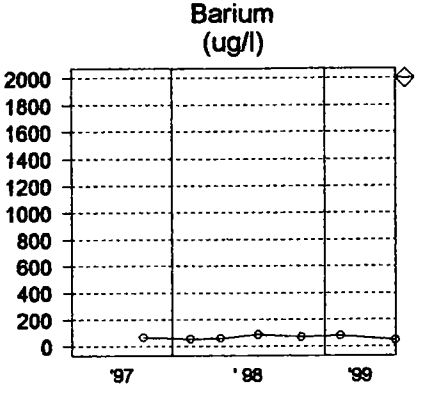












SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/02/97	FMETL	-	-	-	-	-	-	-	5.60		V,S,P,M
08/06/97	FMETL	-	-	-	-	-	-	-	8.15		V,S,P,M
10/23/97	FMETL	1.6	12680	4670	16.9	5020	9040	646	9.30		V,S,P,M
02/11/98	FMETL	3.5	15460	3710	17.9	5520	9290	1917	5.15		V,S,P,M
04/23/98	FMETL	2.5	10090	1739	9.7	5217	6370	785	4.61		V,S,P,M
07/22/98	FMETL	2.5	12600	4100	16.2	8610	10500	640	7.12		V,S,P,M
11/06/98	FMETL	6.23	12200	4330	20.9	5490	11000	1410	9.55		V,S,P,M
02/03/99	FMETL	3.27	18100	4510	23.1	6280	15500	2150	7.02		V,S,P,M
06/15/99	FMETL	1.56	13400	4230	19.4	5980	12800	941	7.64		V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 06/15/99

NOTES:

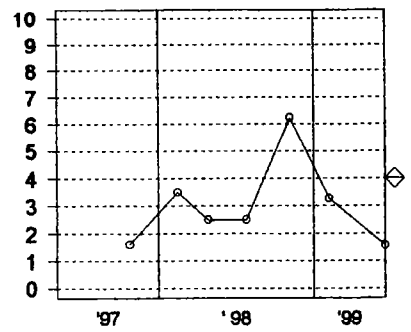
Silver in blank > GW Criteria for May 97.

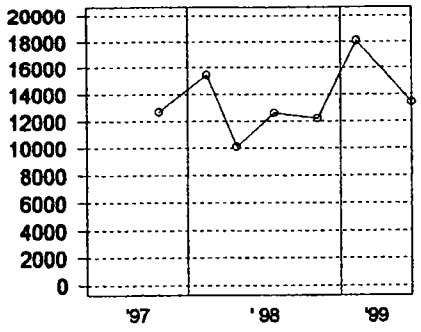
FORT MONMOUTH

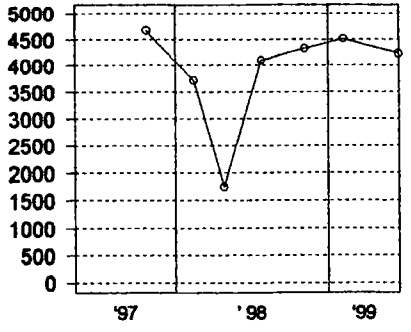
GW MONITORING
Bldg M-2

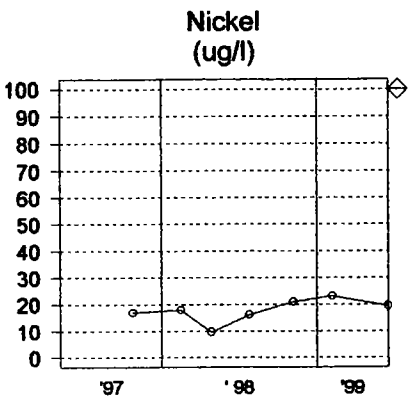
Well 1 of 10

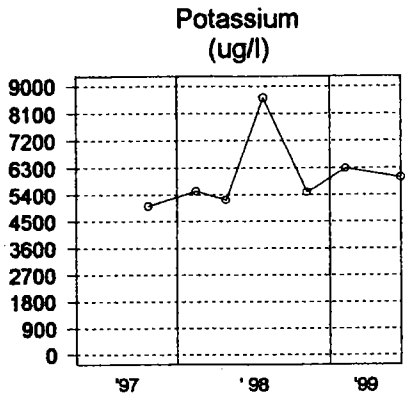
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

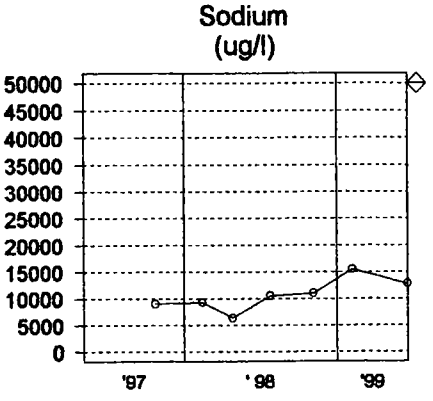


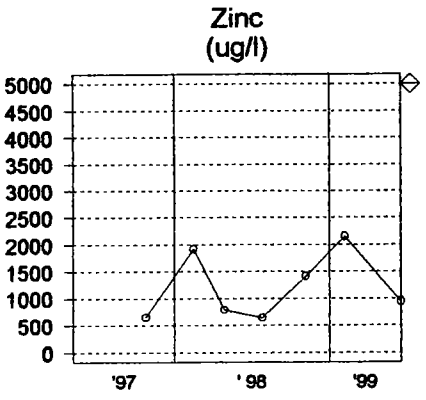


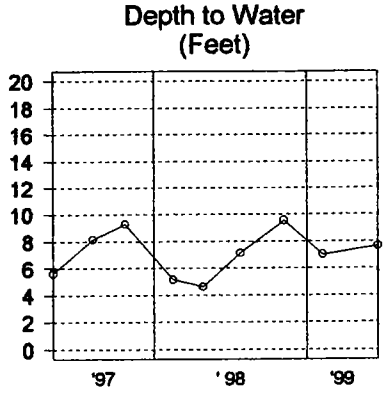












SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	1,2-Di chloro benzene	1,3-Di chloro benzene	1,4-Di chloro benzene	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	600	600	75	200	300	-
05/08/97	FMETL	ND	18	ND	ND	ND	ND	ND	49	35000	V,S,P,M
08/06/97	FMETL	1.36	18.56	ND	ND	ND	ND	ND	51.7	82680	V,S,P,M
10/23/97	FMETL	ND	10.9	3.75	ND	ND	ND	ND	107	16200	V,S,P,M
02/11/98	FMETL	ND	7.39	29.0	17.0	ND	ND	ND	129	22500	V,S,P,M
04/23/98	FMETL	3.12	24.07	ND	ND	ND	ND	ND	108	76160	V,S,P,M
07/22/98	FMETL	6.44	36.51	ND	ND	1.35	1.65	4.02	44.7	26800	V,S,P,M
11/06/98	FMETL	2.73	44	ND	ND	ND	1.37	3.01	48.2	33700	V,S,P,M
02/03/99	FMETL	5.84	37.3	ND	ND	ND	ND	2.27	ND	50800	V,S,P,M
06/15/99	FMETL	4.70	22.3	ND	ND	ND	ND	2.78	ND	17000	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10

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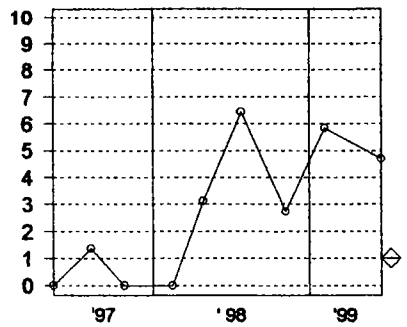
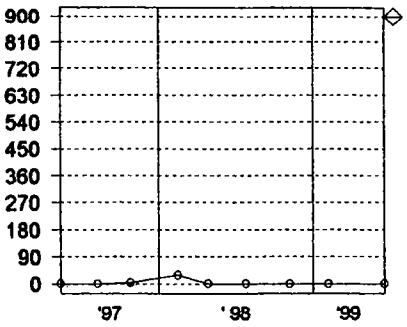
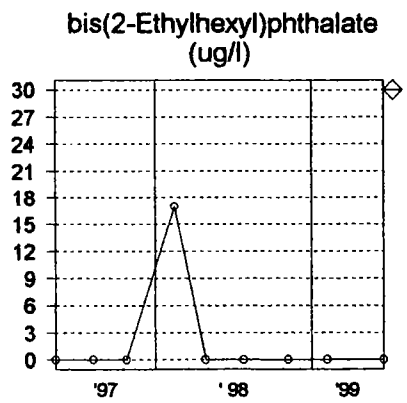
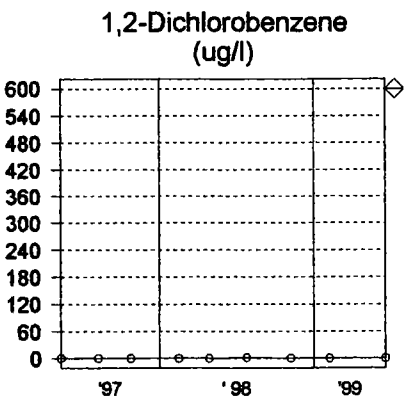
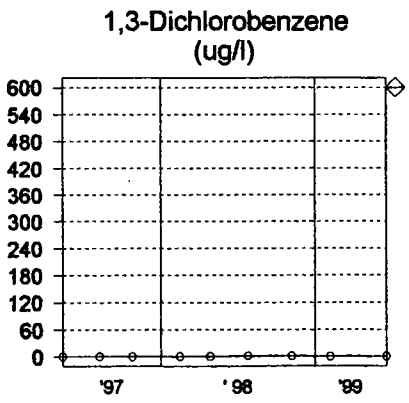
SELFM-PW-EV

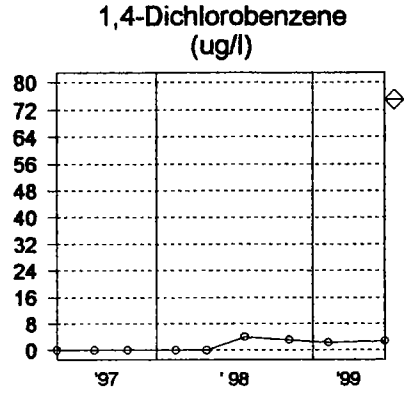


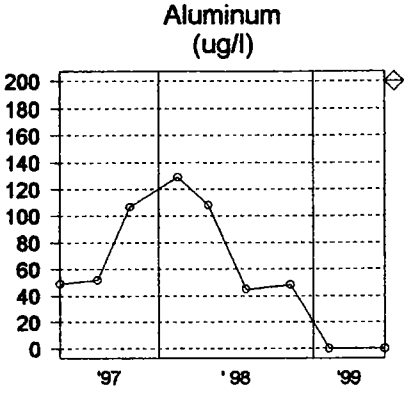


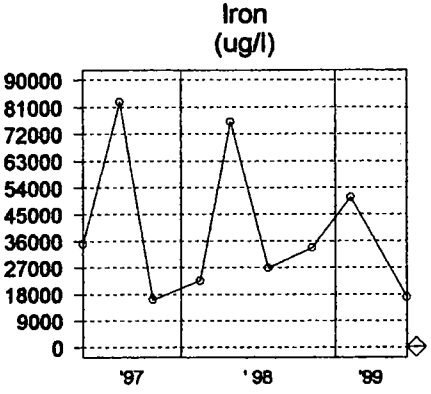












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.v

	Lab	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
05/08/97	FMETL	260	ND	41	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	474	ND	ND	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	145	7.0	ND	120	ND	62570	5470	1.8	6930	V,S,P,M
02/11/98	FMETL	157	ND	ND	171	ND	66770	5930	3.9	ND	V,S,P,M
04/23/98	FMETL	282	ND	ND	354	1.1	75020	7788	2.1	24570	V,S,P,M
07/22/98	FMETL	290	ND	ND	264	ND	88600	8540	2.06	42900	V,S,P,M
11/06/98	FMETL	262	ND	ND	229	0.913	68300	6650	2.47	10300	V,S,P,M
02/03/99	FMETL	456	ND	ND	273	ND	81300	9400	2.25	22200	V,S,P,M
06/15/99	FMETL	254	ND	ND	258	0.968	101000	9140	ND	29000	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 06/15/99

NOTES:

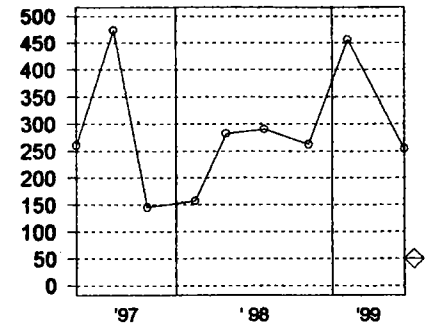
Silver in blank > GW Criteria for May 97.
Page 2 of 3.

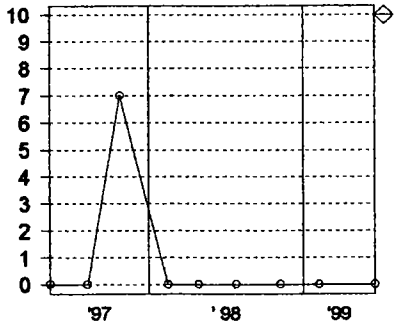
FORT MONMOUTH

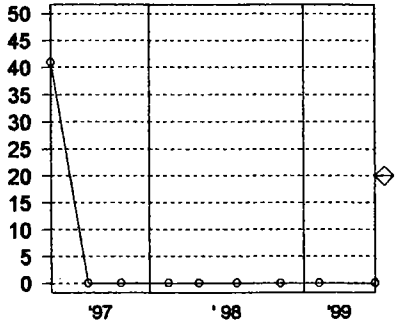
GW MONITORING
Bldg M-2

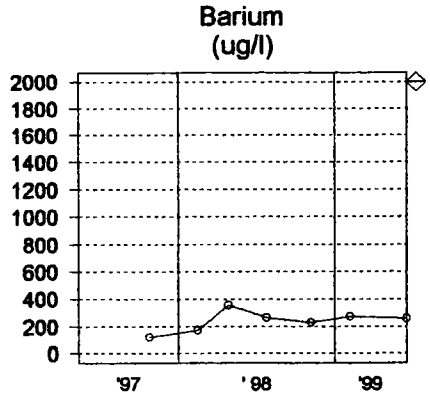
Well 2 of 10

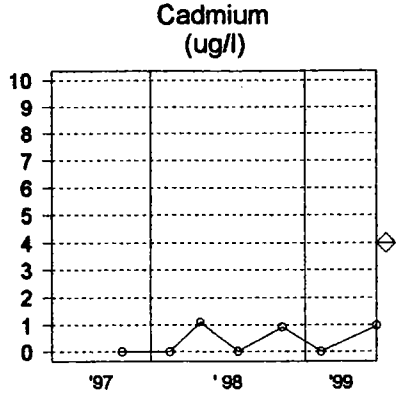
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

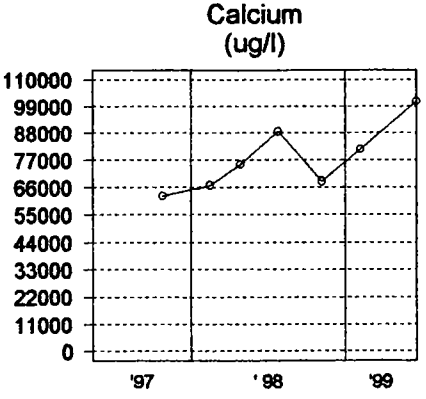


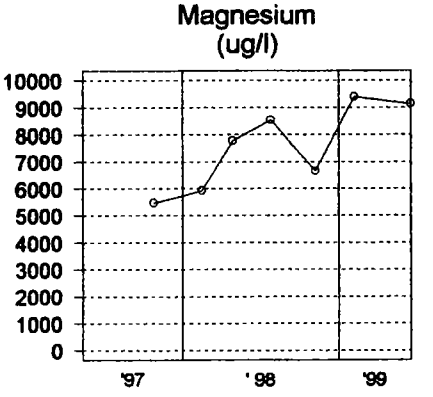


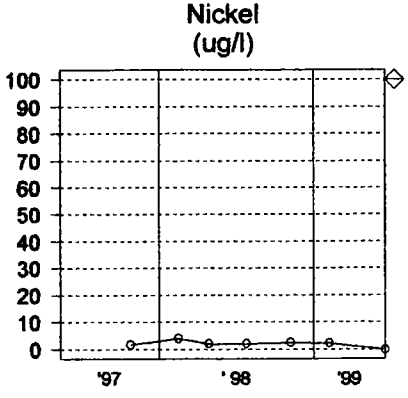


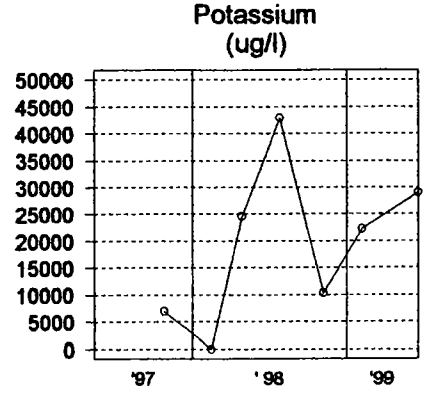












SOURCE: 00M2MW02

Sampling Dates:
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LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
05/08/97	FMETL	-	-	10.2							V,S,P,M
08/06/97	FMETL	-	-	10.60							V,S,P,M
10/23/97	FMETL	7820	63	10.90							V,S,P,M
02/11/98	FMETL	7130	38	9.80							V,S,P,M
04/23/98	FMETL	11880	7.6	9.84							V,S,P,M
07/22/98	FMETL	12600	32.4	10.64							V,S,P,M
11/06/98	FMETL	9910	5.83	10.73							V,S,P,M
02/03/99	FMETL	17700	22.9	10.02							V,S,P,M
06/15/99	FMETL	15500	ND	10.67							V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 06/15/99

NOTES:

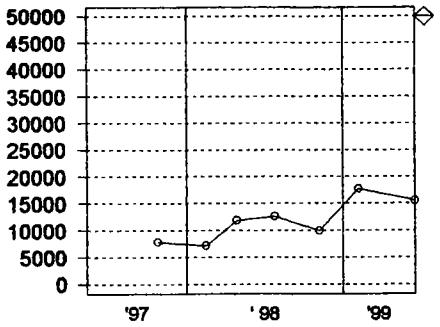
Silver in blank > GW Criteria for May 97.

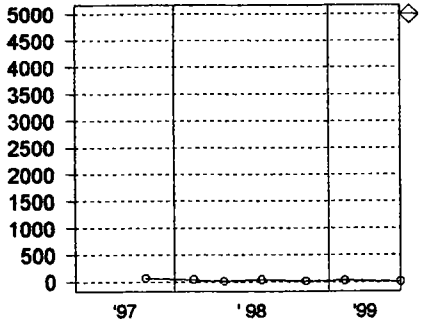
FORT MONMOUTH

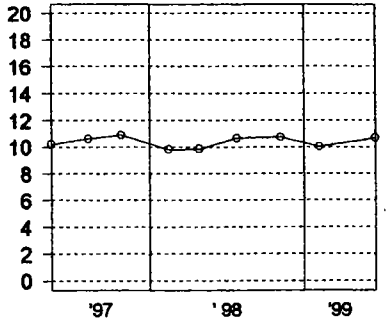
GW MONITORING
Bldg M-2

Well 2 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 06/15/99

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	NLE	75	200	300	50	-
05/02/97	FMETL	ND	4.69	ND	ND	ND	ND	62	12200	500	V,S,P,M
08/06/97	FMETL	ND	1.49	2.20	ND	ND	ND	26	9300	511	V,S,P,M
10/23/97	FMETL	1.31	17.7	4.03	ND	ND	ND	145	10010	427	V,S,P,M
02/11/98	FMETL	3.78	78.8	39.7	ND	1.76	ND	256	39970	513	V,S,P,M
04/23/98	FMETL	4.26	107.81	ND	2.44	3.12	ND	58	69260	516	V,S,P,M
07/22/98	FMETL	ND	10.51	ND	ND	ND	ND	28.5	14500	395	V,S,P,M
11/06/98	FMETL	1.78	11.9	ND	ND	ND	2.38	66.3	13700	586	V,S,P,M
02/03/99	FMETL	ND	7.14	ND	ND	ND	ND	531	16500	407	V,S,P,M
06/15/99	FMETL	ND	4.29	ND	ND	ND	ND	25	13500	412	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
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NOTES:

Silver in blank > GW Criteria for May 97.
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Bldg M-2

Well 3 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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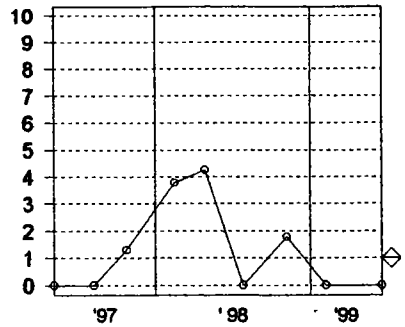

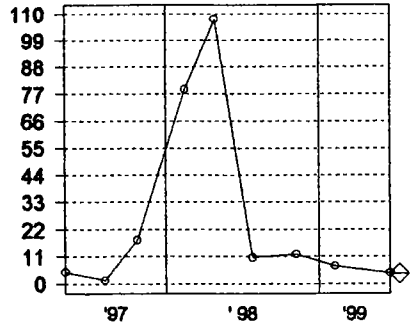

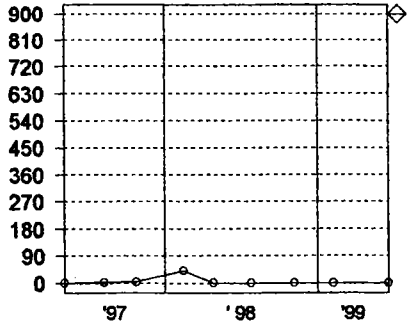

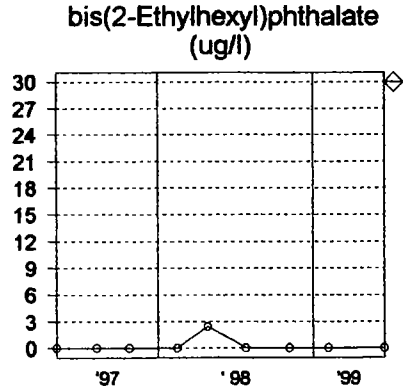

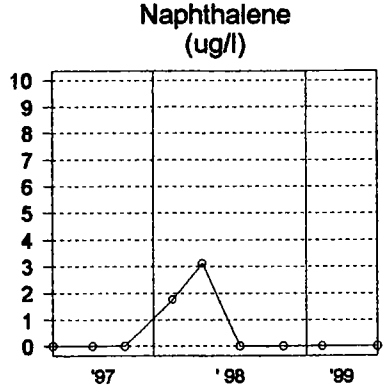

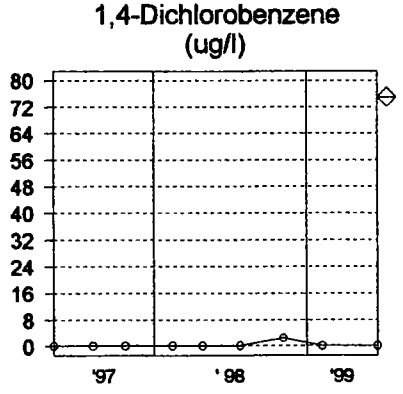

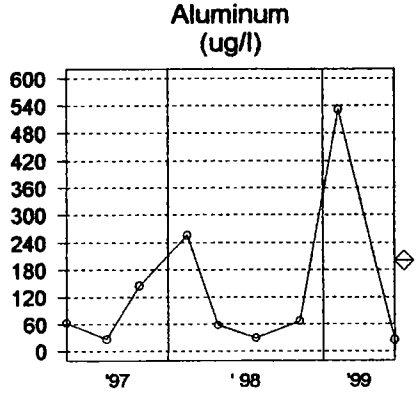

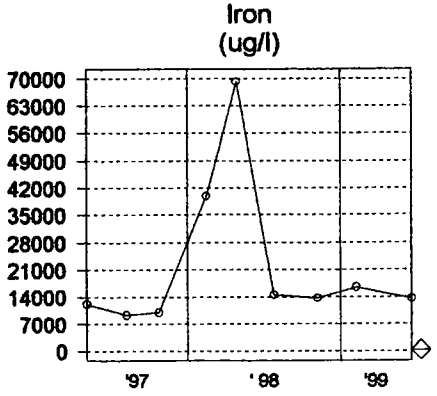

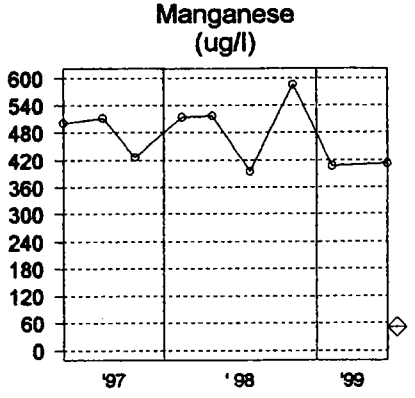

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.v

	Lab	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	4	NLE	NLE	100	NLE	50000	-
05/02/97	FMETL	ND	36	-	-	-	-	-	-	-	V,S,P,M
08/06/97	FMETL	ND	917	-	-	-	-	-	-	-	V,S,P,M
10/23/97	FMETL	13	ND	47.4	ND	64240	4780	1.7	9120	10300	V,S,P,M
02/11/98	FMETL	ND	ND	317	ND	154300	11200	6	18580	18180	V,S,P,M
04/23/98	FMETL	2.8	ND	566	ND	145200	9303	ND	17930	11200	V,S,P,M
07/22/98	FMETL	ND	ND	86.4	ND	72700	5010	0.566	11900	11600	V,S,P,M
11/06/98	FMETL	2.83	ND	114	ND	111000	12000	2.88	22100	28600	V,S,P,M
02/03/99	FMETL	5.02	ND	141	2.83	86500	8750	50.9	13900	15800	V,S,P,M
06/15/99	FMETL	ND	ND	84.5	0.845	69300	5800	ND	11400	10200	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10

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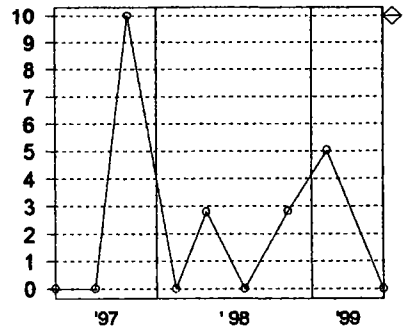
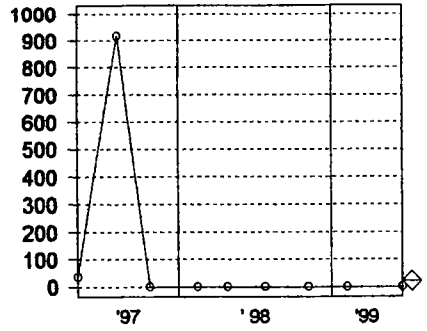
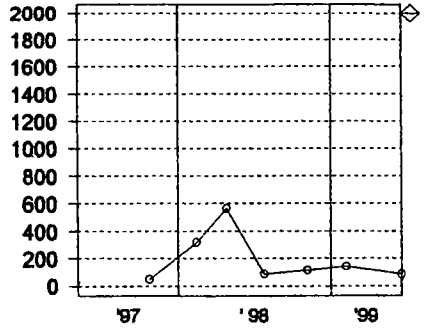
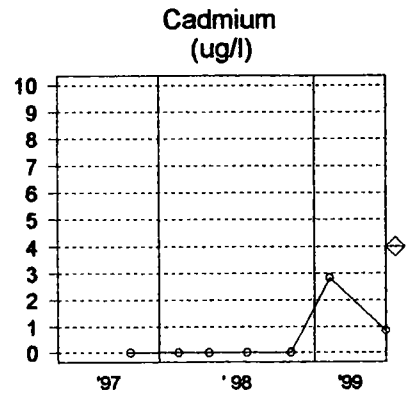
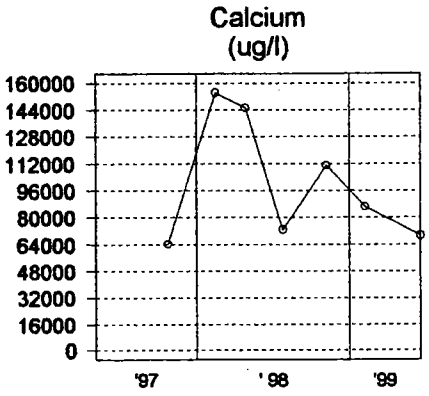
FORT MONMOUTH
SELFM-PW-EV

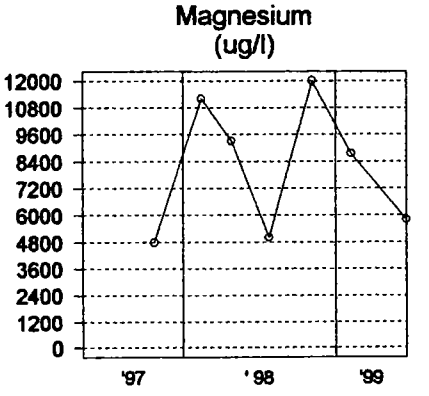


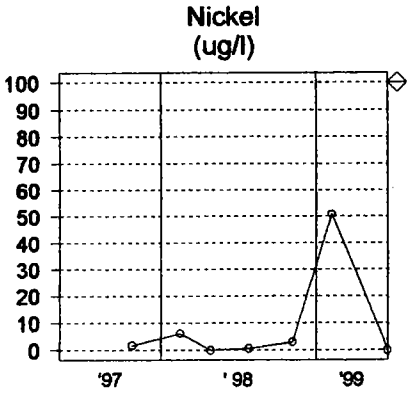


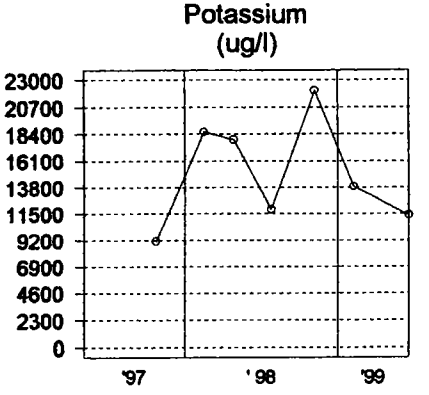


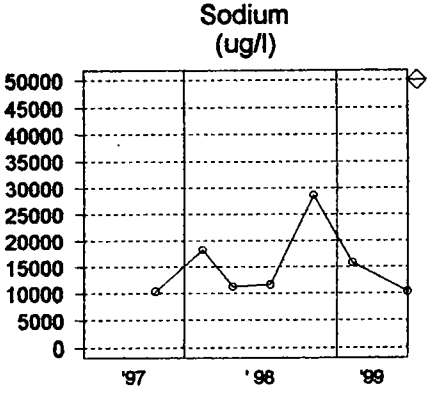












SOURCE: 00M2MW03

Sampling Dates:
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LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/02/97	FMETL	-	7.80								V,S,P,M
08/06/97	FMETL	-	8.20								V,S,P,M
10/23/97	FMETL	71	8.60								V,S,P,M
02/11/98	FMETL	48	7.40								V,S,P,M
04/23/98	FMETL	ND	7.83								V,S,P,M
07/22/98	FMETL	31.1	6.67								V,S,P,M
11/06/98	FMETL	11	8.39								V,S,P,M
02/03/99	FMETL	433	7.28								V,S,P,M
06/15/99	FMETL	54.8	8.71								V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
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Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

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Bldg M-2

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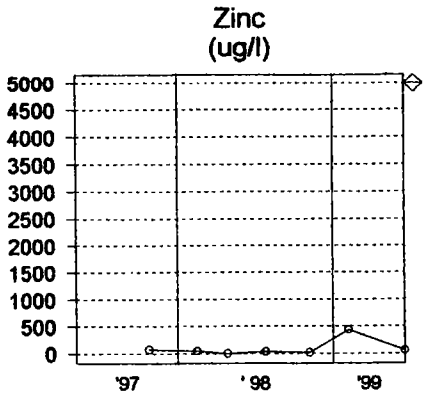
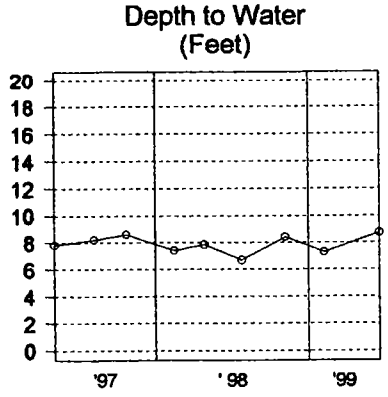
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.v

	Lab	Chloro benzene	Di-n-butyl phthalate	Naphtha lene	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	900	NLE	200	300	50	10	2000	4	-
02/11/98	FMETL	2.41	28.9	ND	514	30140	534	ND	177	ND	V,S,P,M
04/27/98	FMETL	ND	ND	ND	ND	17800	757	ND	111	ND	V,S,P,M
07/22/98	FMETL	1.29	ND	ND	302	26300	3780	ND	131	ND	V,S,P,M
11/06/98	FMETL	ND	ND	ND	209	23900	180	3.27	132	1.47	V,S,P,M
02/03/99	FMETL	ND	ND	ND	20.3	33300	2010	ND	132	1.38	V,S,P,M
06/15/99	FMETL	ND	ND	1.27	57.6	31300	311	ND	155	0.873	V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 06/15/99

NOTES:

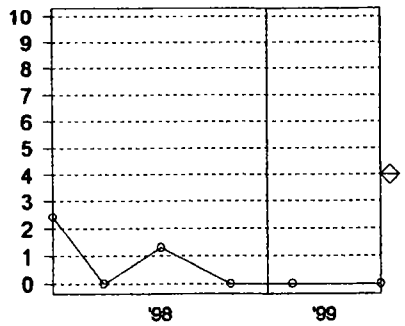
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

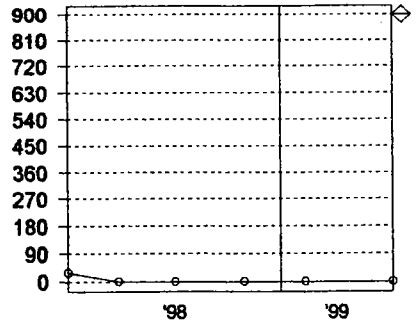
FORT MONMOUTH

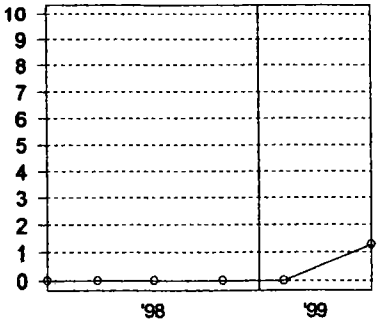
GW MONITORING
Bldg M-2

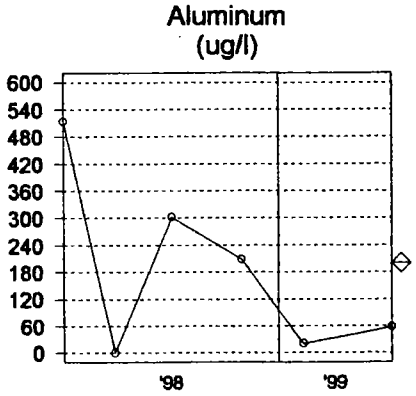
Well 4 of 10

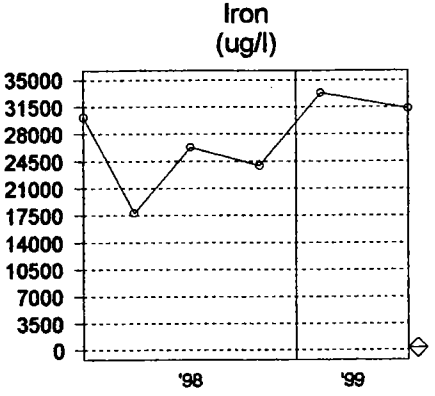
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

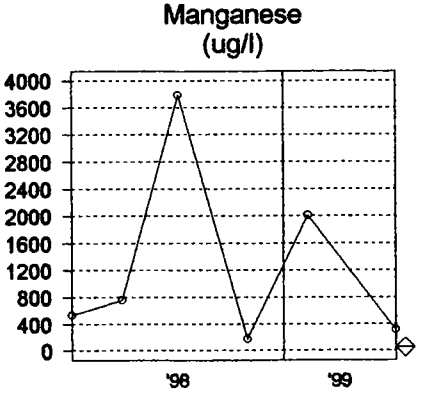


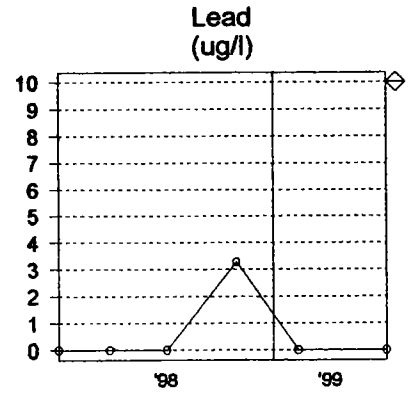


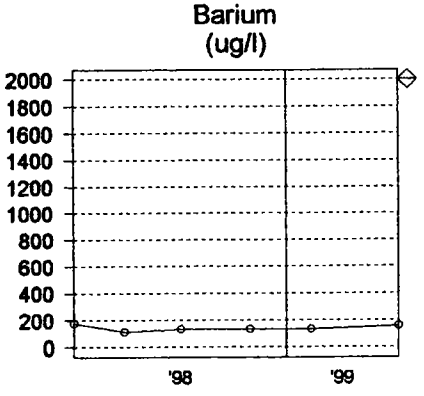


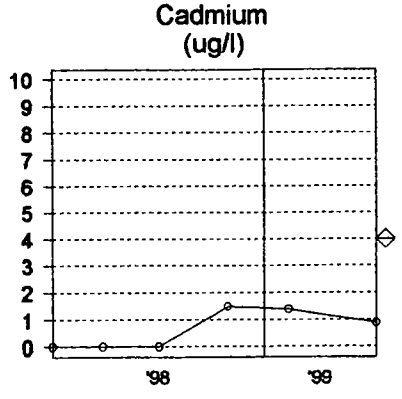












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
02/11/98	FMETL	5350	6840	4.5	7700	7540	39	8.80			V,S,P,M
04/27/98	FMETL	33070	5041	3.5	7929	8592	38.9	8.49			V,S,P,M
07/22/98	FMETL	33700	3780	1.81	7670	8500	41.6	9.42			V,S,P,M
11/06/98	FMETL	36300	5230	4.16	7470	8050	51.3	10.33			V,S,P,M
02/03/99	FMETL	45600	4220	4.41	7140	9840	68.4	8.96			V,S,P,M
06/15/99	FMETL	34000	3770	ND	6950	8040	18.8	9.62			V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 06/15/99

NOTES:

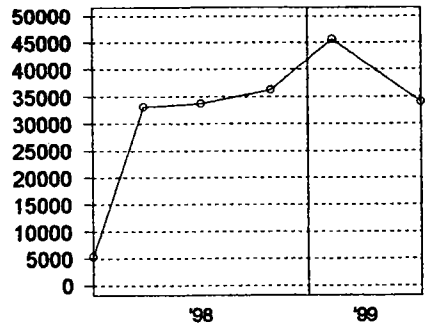
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

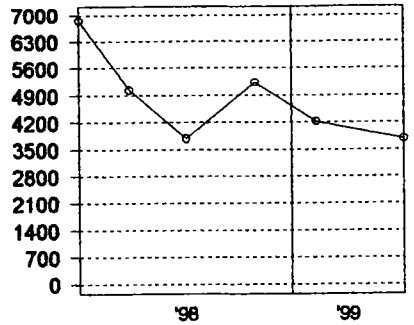
FORT MONMOUTH

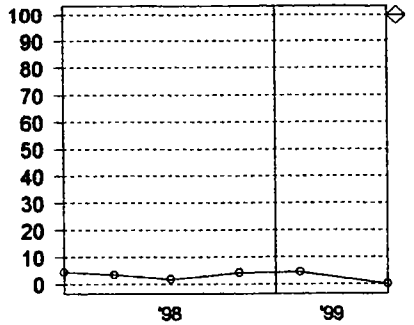
GW MONITORING
Bldg M-2

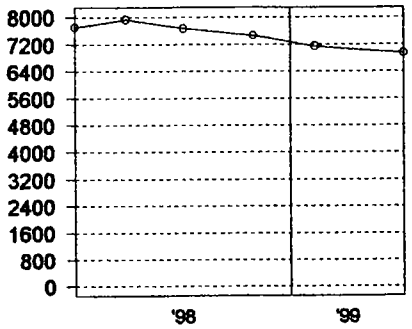
Well 4 of 10

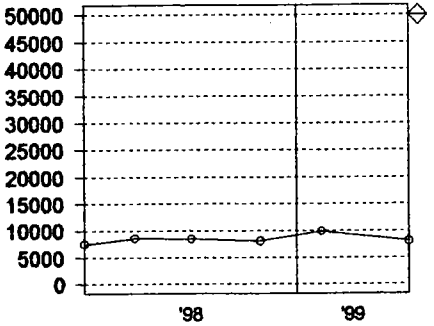
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

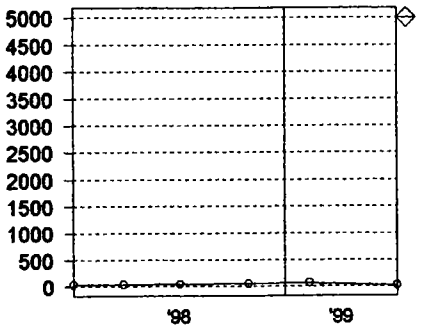


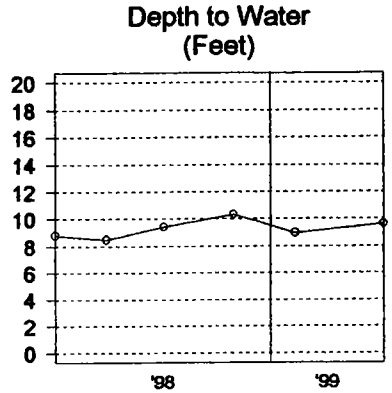












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Acetone	2-Butanone	bis(2-ethylhexyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	30	200	300	50	10	2000	4	-
10/19/98	FMETL	ND	9.29	ND	1080	15800	34.2	4.09	35.8	ND	V,S,P,M
11/02/98	FMETL	5.49	3.19	ND	4860	29900	45.5	15.3	65.4	ND	V,S,P,M
02/03/99	FMETL	ND	ND	40.9	633	35300	48.2	4.62	171	2.05	V,S,P,M
06/15/99	FMETL	ND	ND	ND	2040	72000	41.5	7.58	419	1.88	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

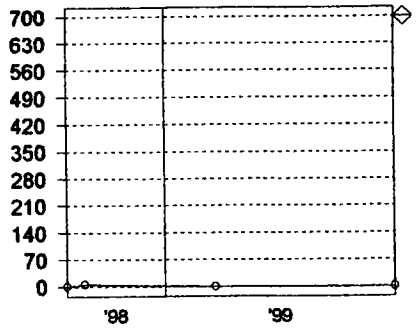
FORT MONMOUTH

GW MONITORING
Bldg M-2

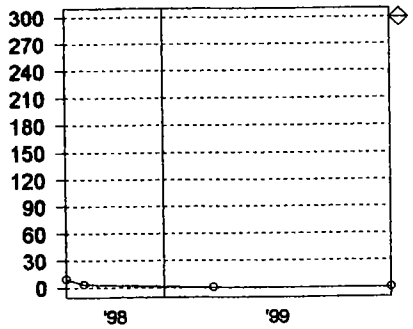
Well 5 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

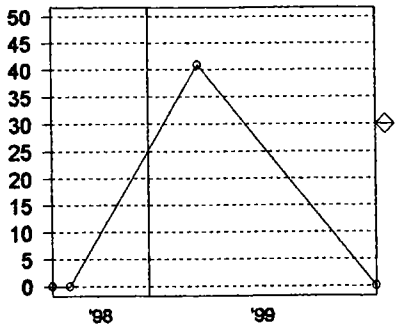
Acetone (ug/l)



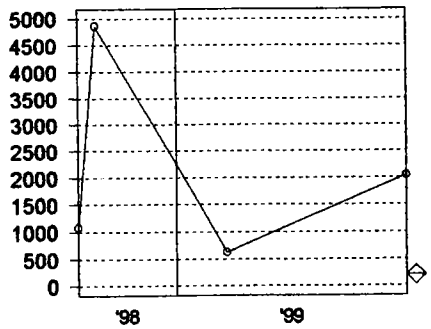
2-Butanone (ug/l)



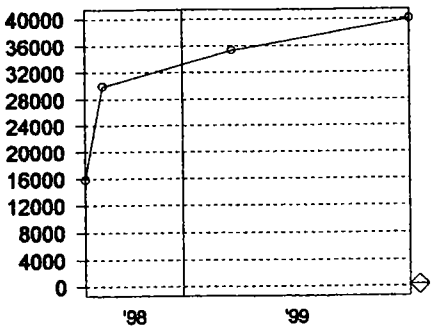
bis(2-Ethylhexyl)phthalate (ug/l)



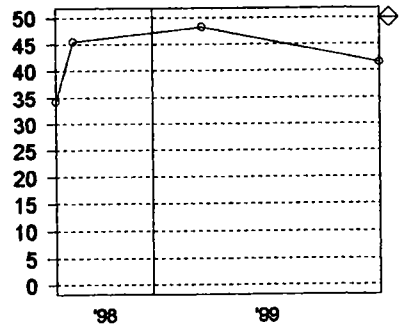
Aluminum (ug/l)



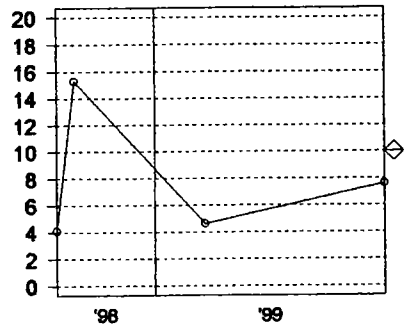
Iron (ug/l)



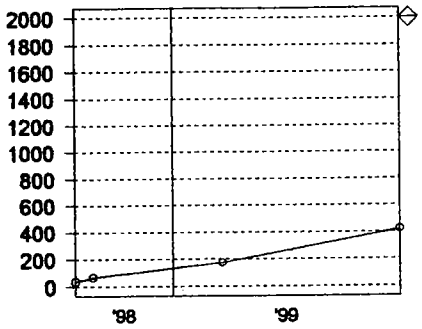
Manganese (ug/l)



Lead (ug/l)



Barium (ug/l)



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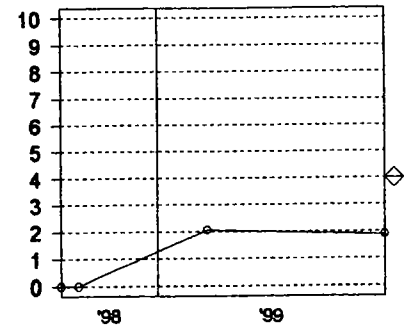


SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.ws

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	14300	2660	6.31	6550	5070	16.4	6.84			V,S,P,M
11/02/98	FMETL	15200	4270	13.7	10200	4830	53.5	6.84			V,S,P,M
02/03/99	FMETL	13800	1970	3.3	4630	6910	43.4	6.14			V,S,P,M
06/15/99	FMETL	16100	2780	1.72	6720	5340	32.7	6.75			V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

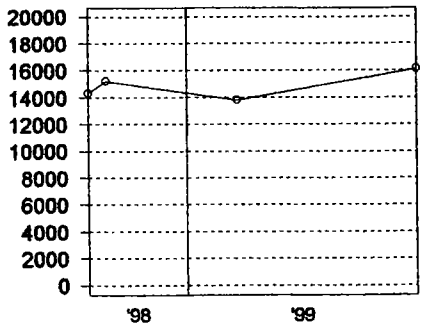
Silver in blank > GW Criteria for May 97.

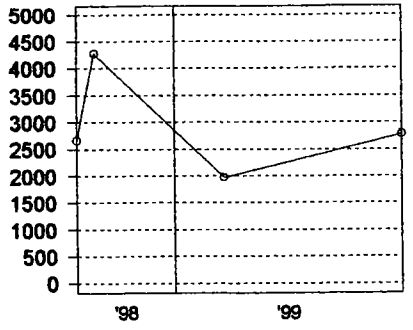
FORT MONMOUTH

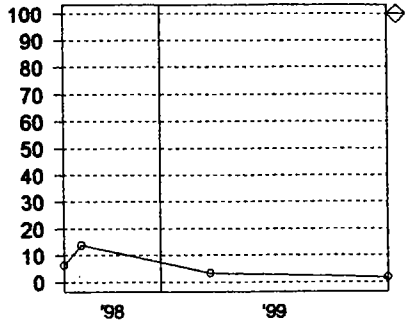
GW MONITORING
Bldg M-2

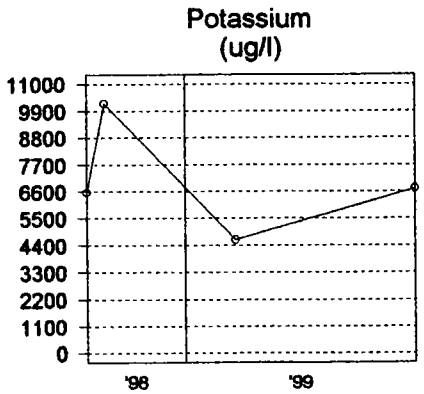
Well 5 of 10

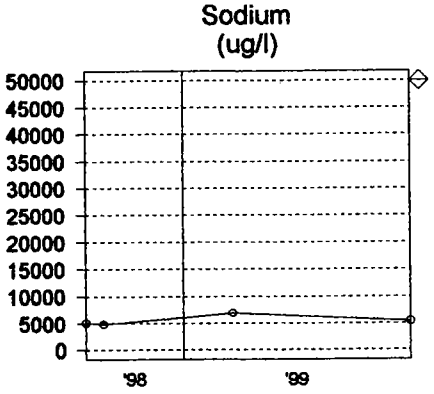
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

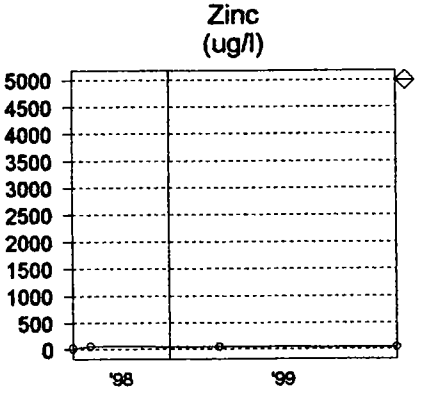


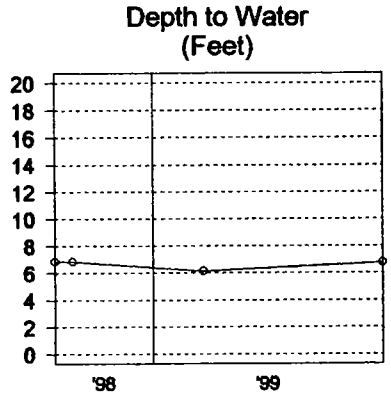












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Acetone	Chloro benzene	2-But anone	Arochlor 1016	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	0.50	200	300	50	10	2000	-
10/19/98	FMETL	ND	1.36	8.86	0.865	1240	16500	72.5	22.4	102	V,S,P,M
11/02/98	FMETL	7.45	ND	4.65	2.26	10300	43500	92.7	90.5	175	V,S,P,M
02/03/99	FMETL	ND	ND	ND	0.611	1330	50700	138	13.6	185	V,S,P,M
06/15/99	FMETL	ND	ND	ND	ND	749	38100	55.0	6.26	175	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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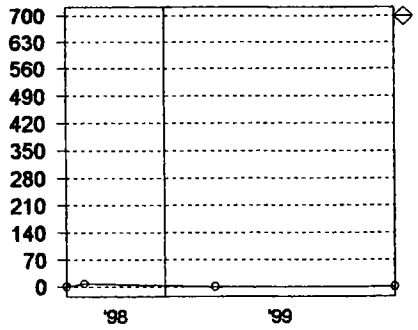
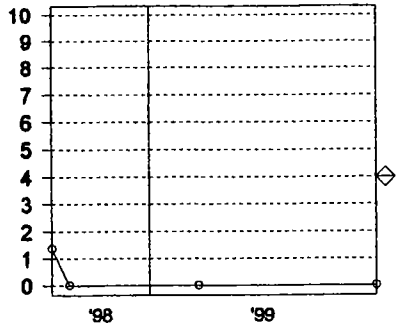
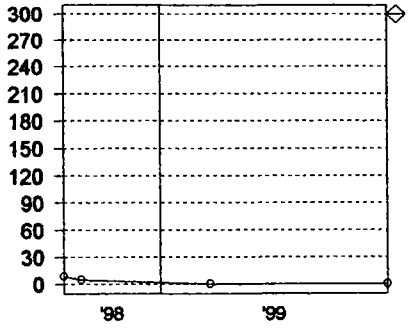
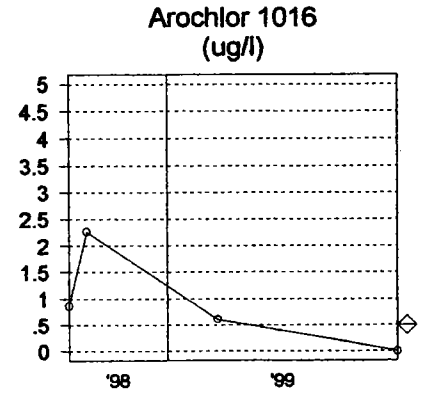
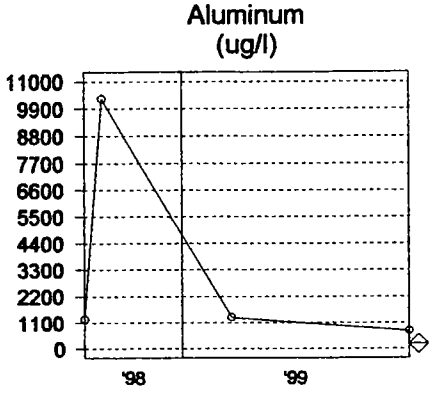
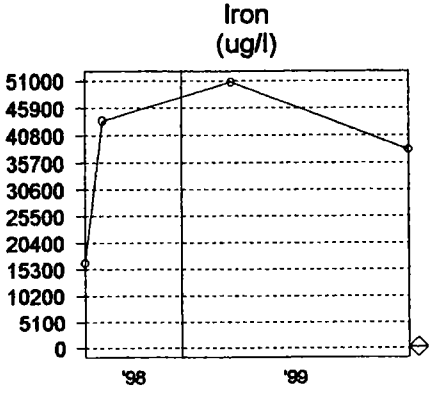


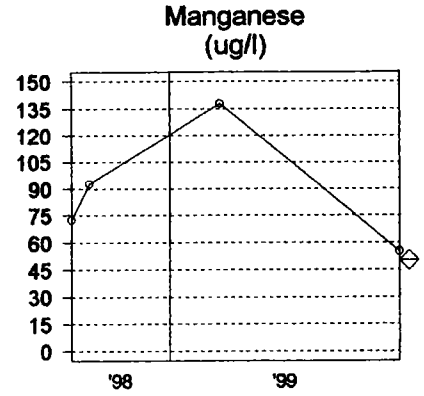


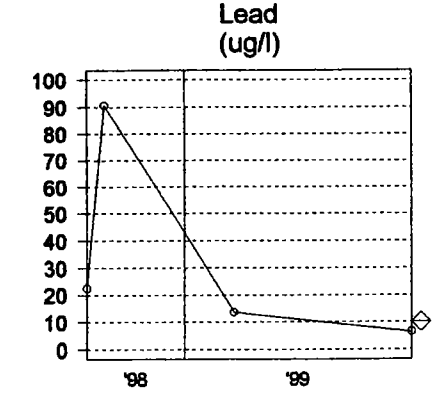


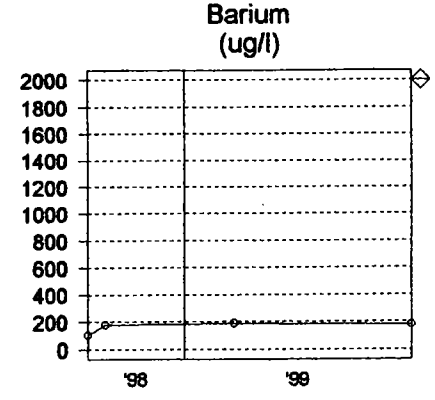












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech48\fm\m-2\gw\m2

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/19/98	FMETL	ND	48700	4970	3.62	7660	6970	83.5	9.12		V,S,P,M
11/02/98	FMETL	ND	49100	8030	18.9	15100	8090	392	9.12		V,S,P,M
02/03/99	FMETL	0.969	54000	5620	5.53	7000	8620	100	8.18		V,S,P,M
06/15/99	FMETL	0.941	40300	4710	ND	6470	7190	33.6	8.79		V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 2 of 2.

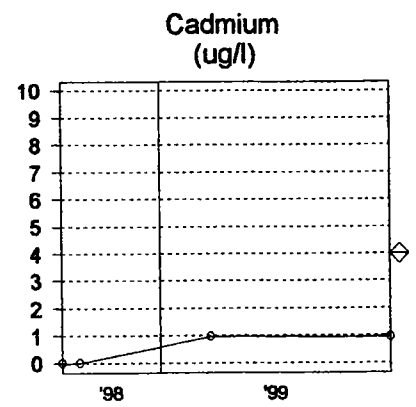
FORT MONMOUTH

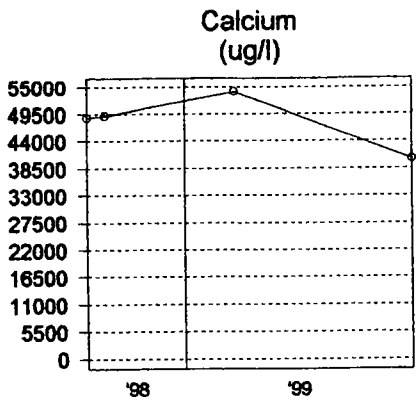
GW MONITORING
Bldg M-2

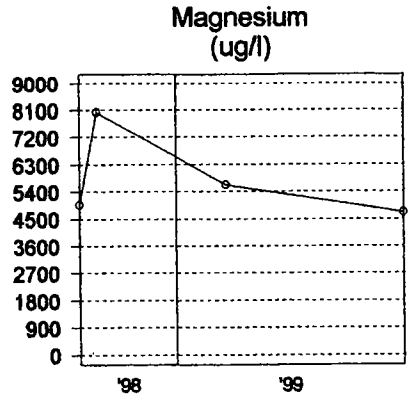
Well 6 of 10

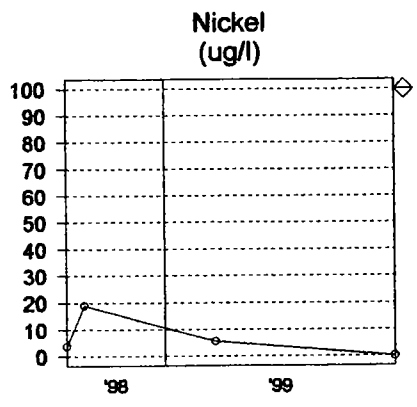
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

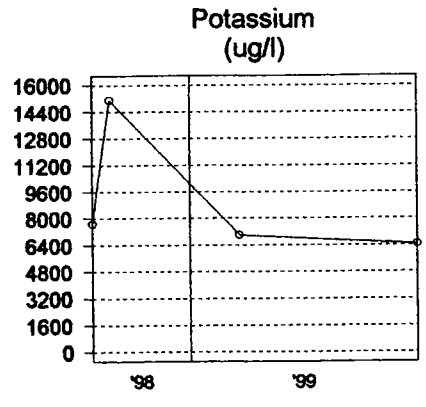
07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf

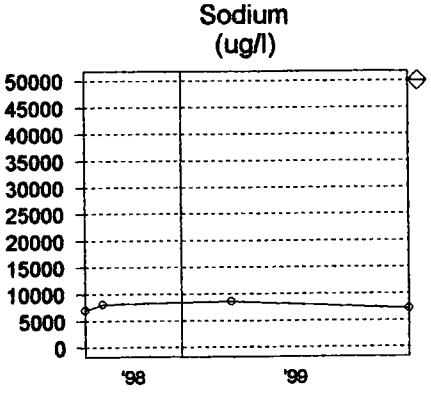


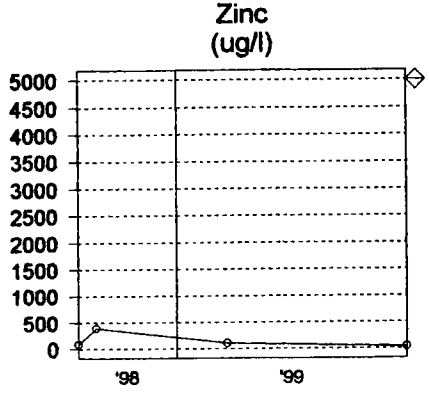


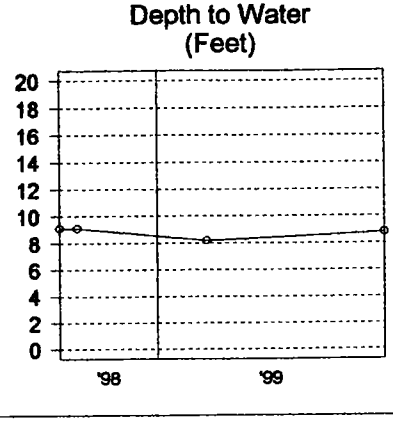












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	ND	11.29	1480	14800	94.8	13	96.6	ND	51700	V,S,P,M
11/02/98	FMETL	6.63	5.45	3870	23800	82.2	16.4	107	2.36	51000	V,S,P,M
02/03/99	FMETL	ND	ND	433	41800	79.6	3.41	103	1.94	48300	V,S,P,M
06/15/99	FMETL	ND	ND	780	71900	80.3	ND	209	1.96	51200	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

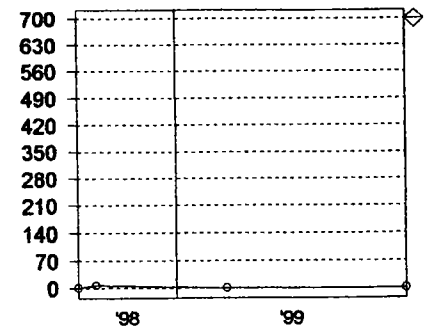
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

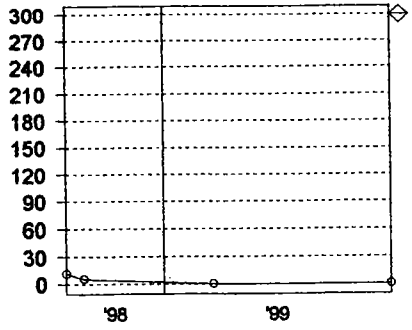
FORT MONMOUTH

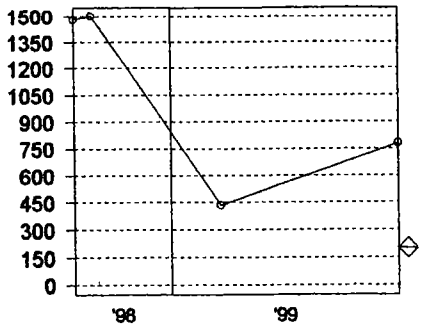
GW MONITORING
Bldg M-2

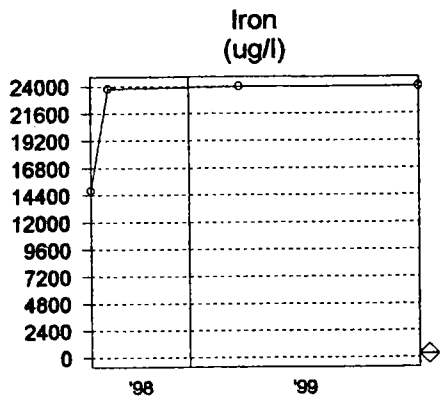
Well 7 of 10

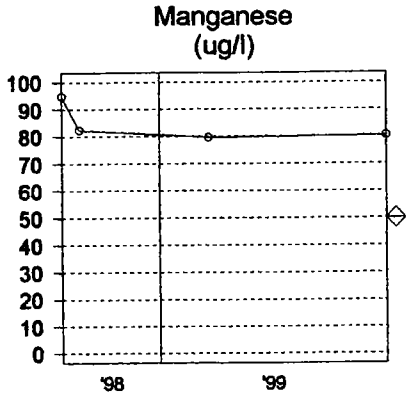
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

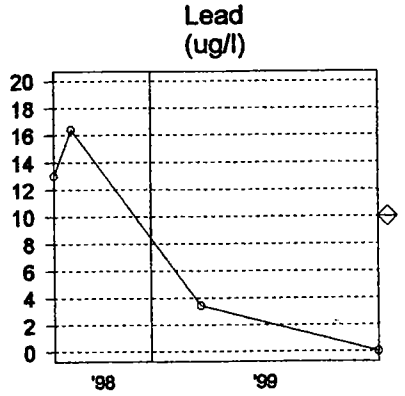


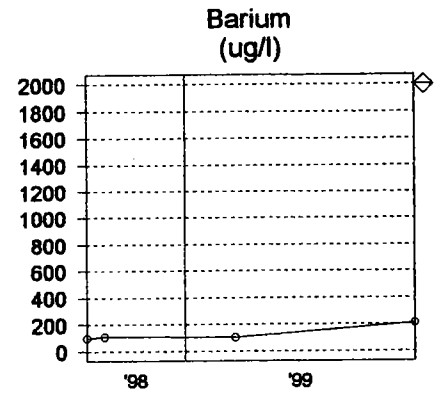


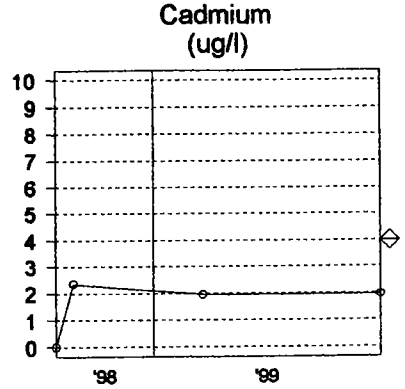


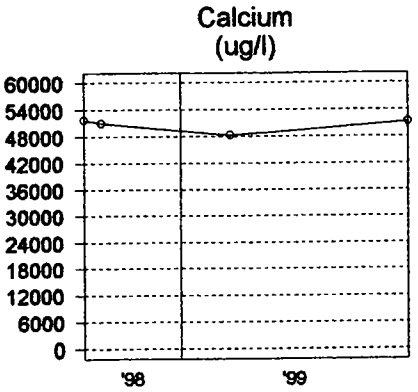












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.ws

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	6010	8.01	7310	13500	93.8	7.61				V,S,P,M
11/02/98	FMETL	6450	12	8570	8650	144	7.61				V,S,P,M
02/03/99	FMETL	5240	2.46	5260	9530	70.1	6.66				V,S,P,M
06/15/99	FMETL	5660	ND	5890	8800	28.0	7.31				V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.

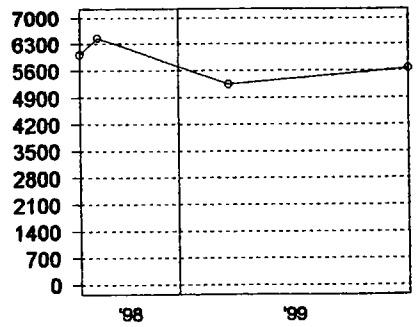
FORT MONMOUTH

GW MONITORING
Bldg M-2

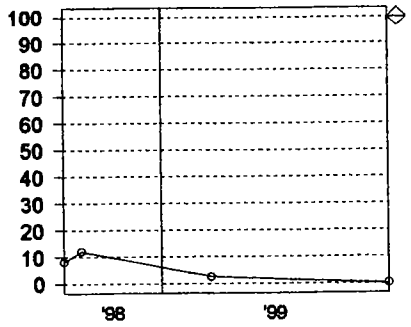
Well 7 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

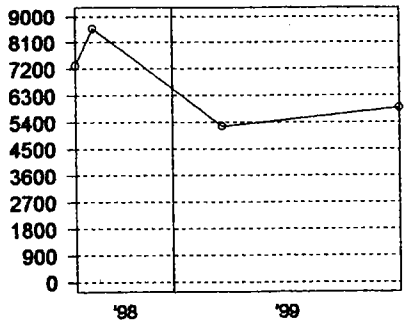
Magnesium
(ug/l)



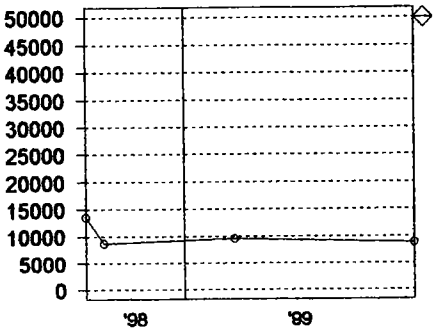
Nickel
(ug/l)



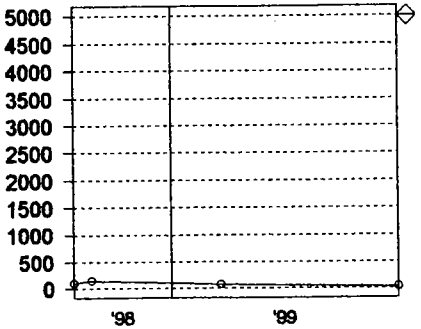
Potassium
(ug/l)



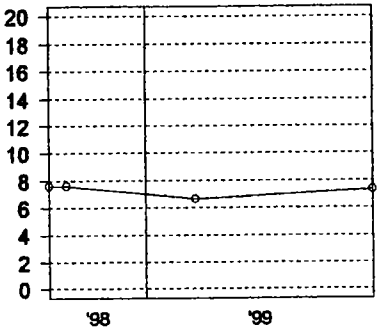
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Acetone	Benzene	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	200	300	50	10	2000	4	-
10/19/98	FMETL	17.89	7.46	86.82	1490	18400	55.1	11	72.6	ND	V,S,P,M
11/02/98	FMETL	11.27	5.88	28.18	8250	46100	69.9	45	87.2	ND	V,S,P,M
02/03/99	FMETL	ND	5.56	ND	1350	76500	61.7	5.57	136	1.16	V,S,P,M
06/15/99	FMETL	ND	4.13	ND	3630	142000	74.6	13.5	562	4.14	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

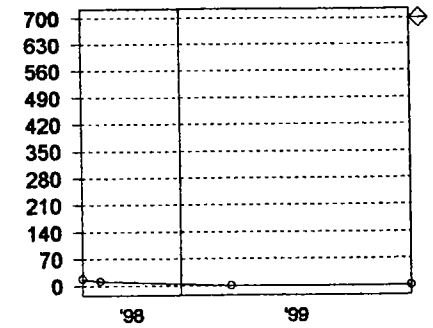
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

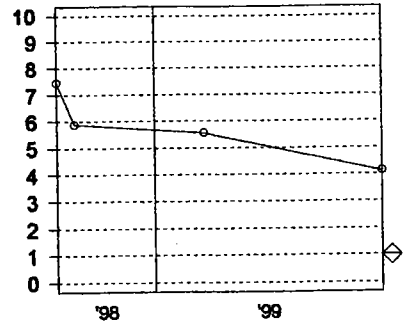
FORT MONMOUTH

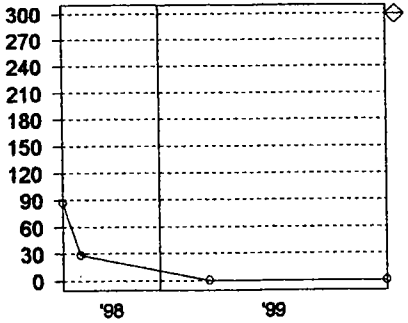
GW MONITORING
Bldg M-2

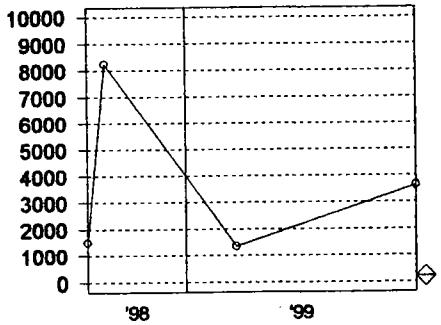
Well 8 of 10

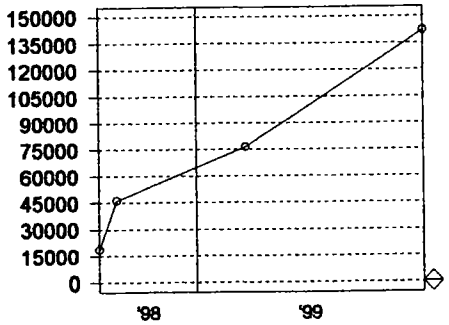
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

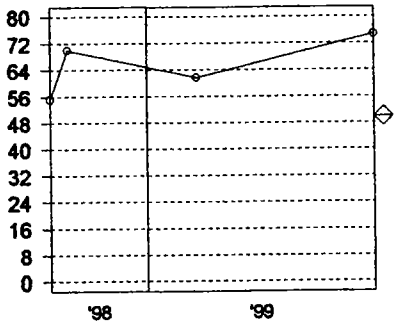


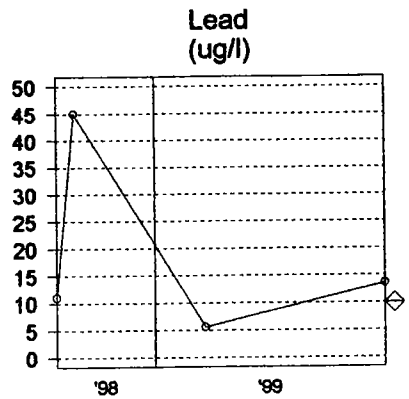


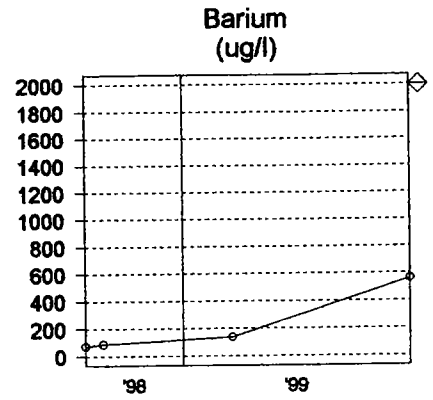


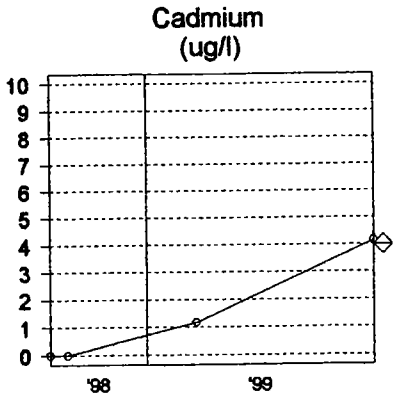












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	40000	5200	5.21	9010	7560	32.5	7.48			V,S,P,M
11/02/98	FMETL	42700	8600	10.5	19100	8240	95.3	7.48			V,S,P,M
02/03/99	FMETL	39400	4460	3.71	7260	8690	96.4	6.46			V,S,P,M
06/15/99	FMETL	44800	5910	ND	10300	7820	34.5	7.22			V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

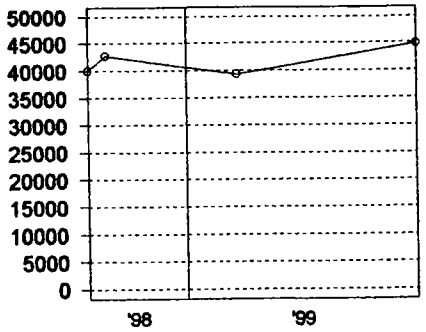
Silver in blank > GW Criteria for May 97.

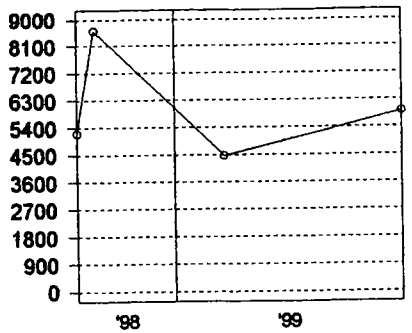
FORT MONMOUTH

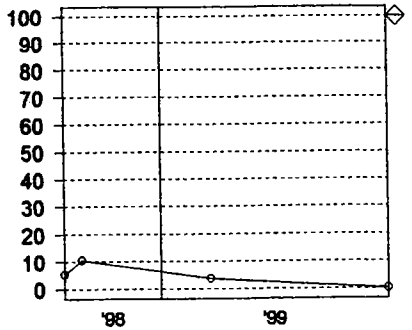
GW MONITORING
Bldg M-2

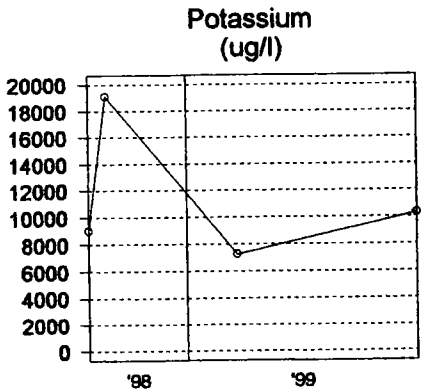
Well 8 of 10

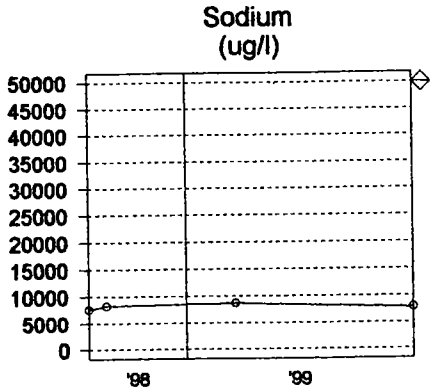
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

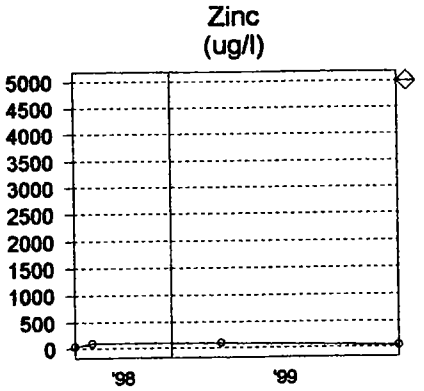


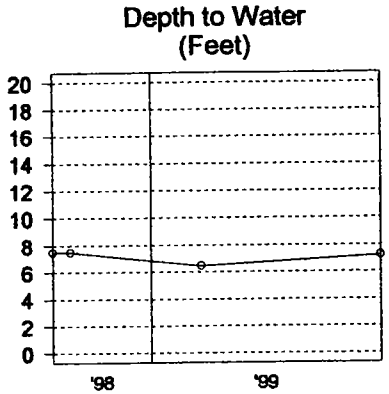












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2

	Lab	Acetone	Benzene	2-Butanone	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	0.50	0.50	200	300	50	10	-
10/19/98	FMETL	6.3	538.24	5.47	0.70	3.85	455	10400	1920	7	V,S,P,M
11/02/98	FMETL	6.22	205.68	3.19	0.26	1.47	7880	36100	1560	41.6	V,S,P,M
02/03/99	FMETL	ND	263.2	ND	0.244	1.187	3250	30900	4260	13.1	V,S,P,M
06/15/99	FMETL	ND	23.39	ND	ND	ND	32300	99300	1430	95.9	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 3.

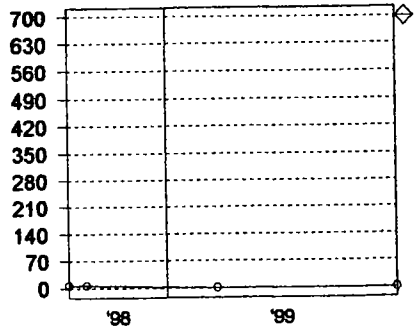
FORT MONMOUTH

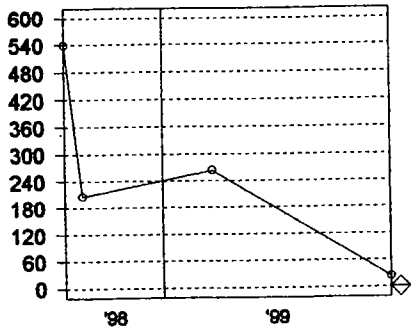
GW MONITORING
Bldg M-2

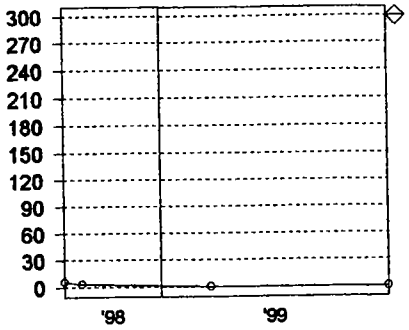
Well 9 of 10

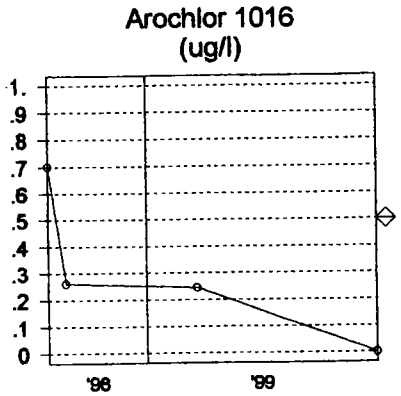
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

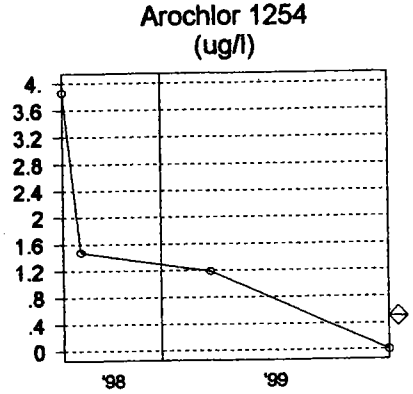
07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf

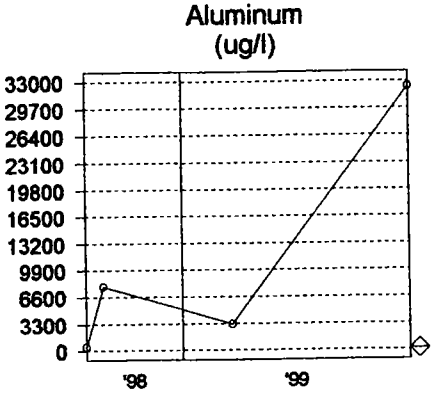


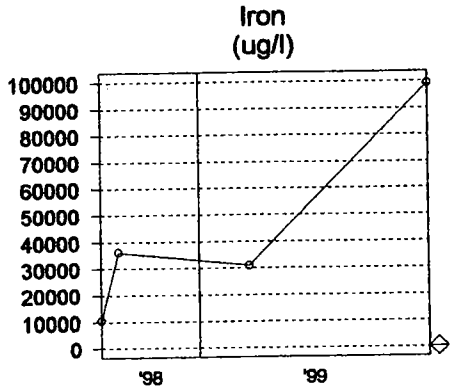


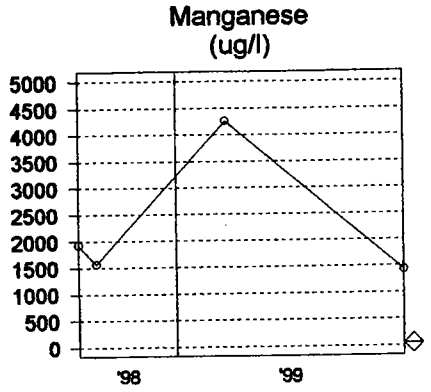


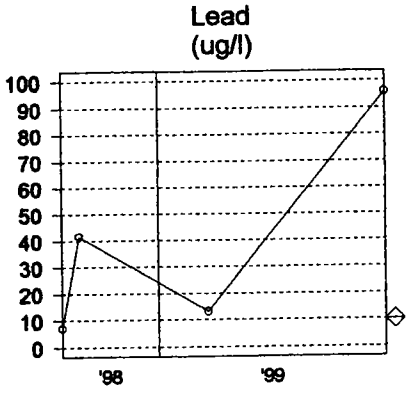












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.v

	Lab	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	20	2000	4	NLE	NLE	100	NLE	50000	5000	-
10/19/98	FMETL	ND	87	ND	68200	5650	1.1	8290	7600	105	V,S,P,M
11/02/98	FMETL	ND	146	0.987	56200	7540	14.2	16000	7580	565	V,S,P,M
02/03/99	FMETL	ND	178	4.49	99300	7820	9.7	10600	10500	474	V,S,P,M
06/15/99	FMETL	4.90	279	15.2	57900	14100	46.8	31600	7280	2300	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

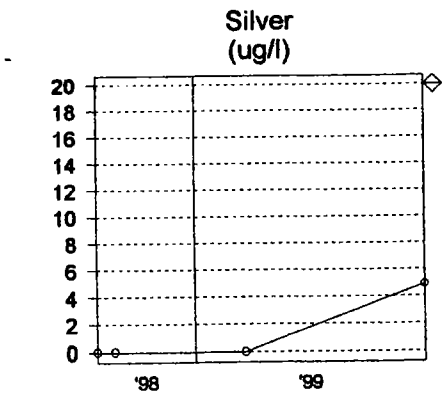
Silver in blank > GW Criteria for May 97.
Page 2 of 3.

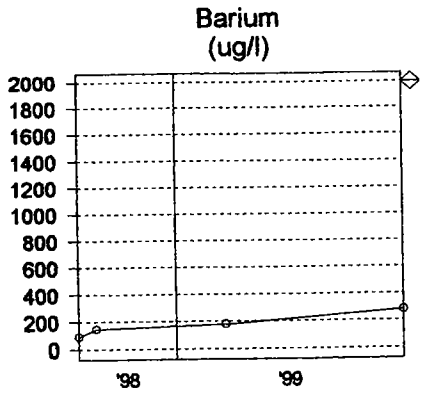
FORT MONMOUTH

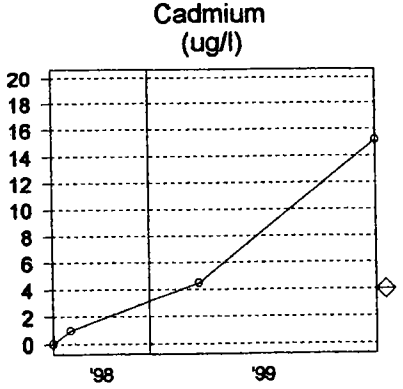
GW MONITORING
Bldg M-2

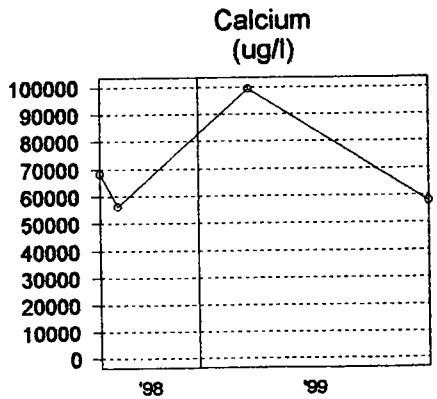
Well 9 of 10

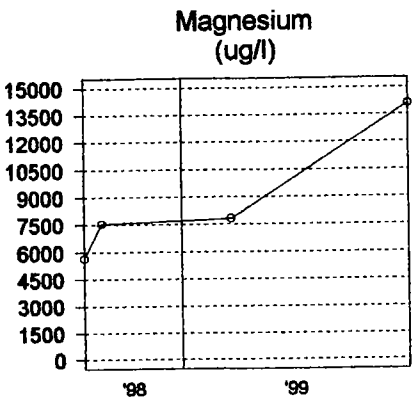
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

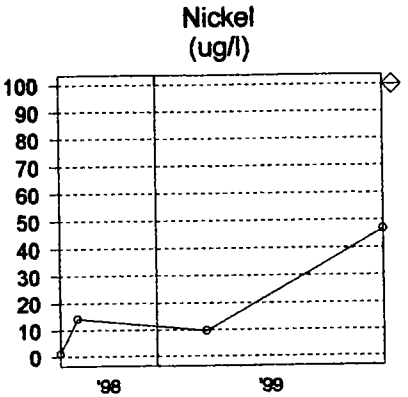


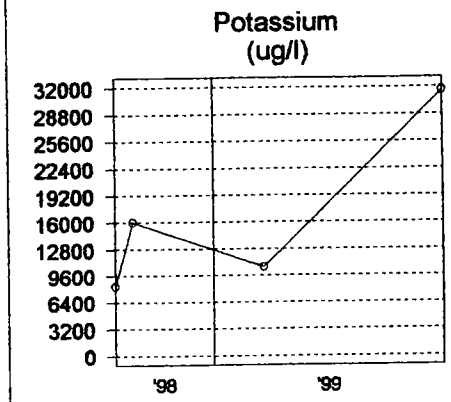


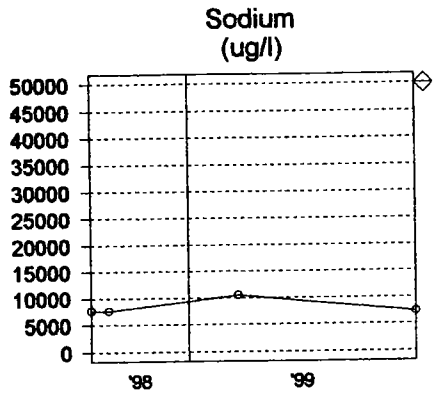


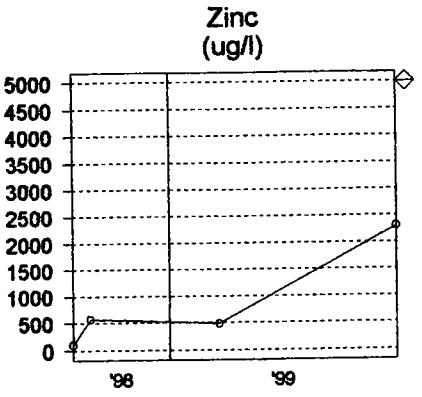












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

	Lab	Depth to Water									Notes
Units:	-	Feet									-
NJDEP Criteria:	-	-									-
10/19/98	FMETL	10.85									V,S,P,M
11/02/98	FMETL	10.85									V,S,P,M
02/03/99	FMETL	10.17									V,S,P,M
06/15/99	FMETL	10.78									V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 3 of 3.

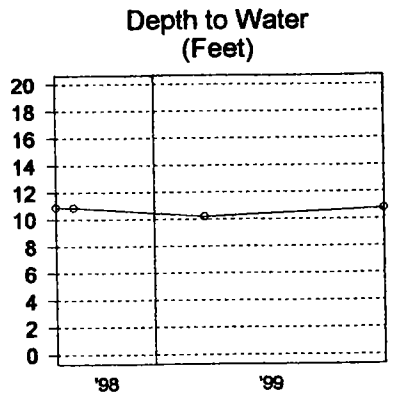
FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf



SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.ws

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	9.04	9.93	486	4280	22.5	2.94	23.1	ND	24600	V,S,P,M
11/02/98	FMETL	5.21	2.85	3670	20600	47.4	4.47	58.6	ND	45300	V,S,P,M
02/03/99	FMETL	ND	ND	638	24300	68.6	ND	168	0.845	44100	V,S,P,M
06/15/99	FMETL	ND	12.64	5610	65600	79.2	7.75	404	2.03	53400	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

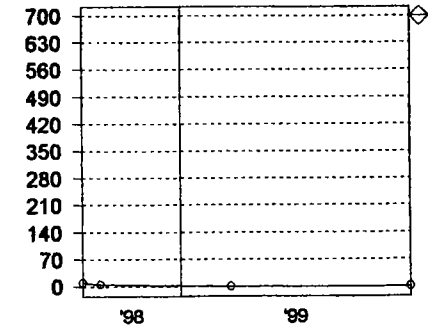
FORT MONMOUTH

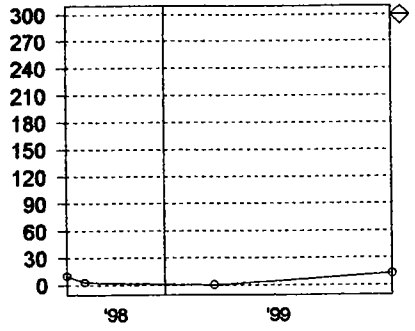
GW MONITORING
Bldg M-2

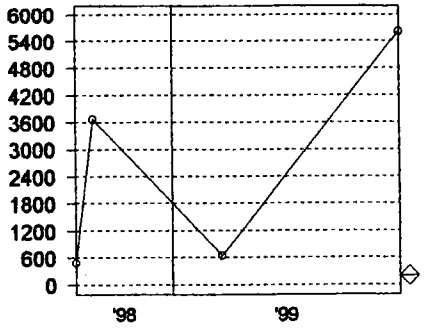
Well 10 of 10

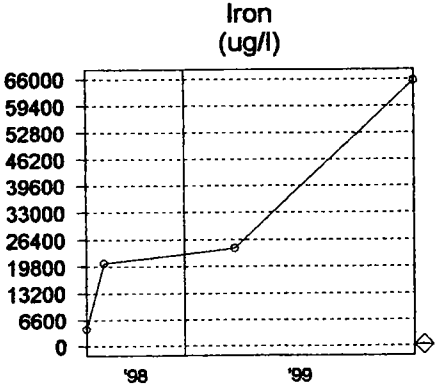
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

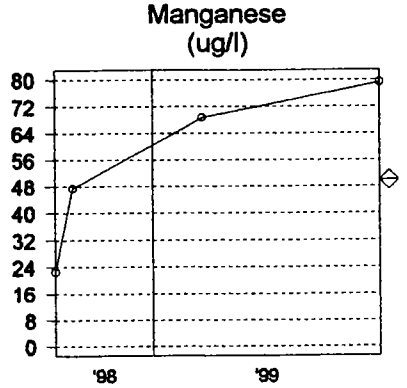
07-20-1999 c:\mtech46\fm\m-2\gw\m2.wsf

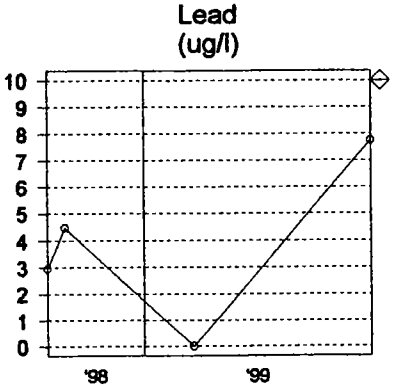


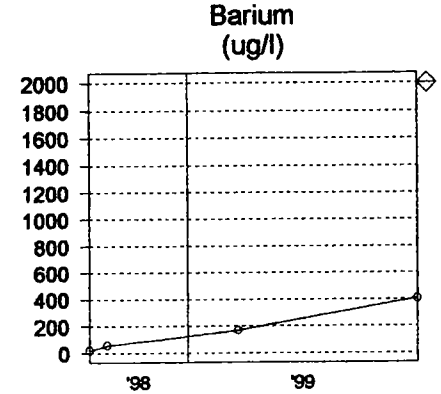


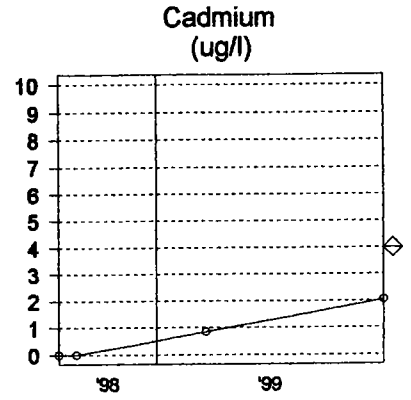


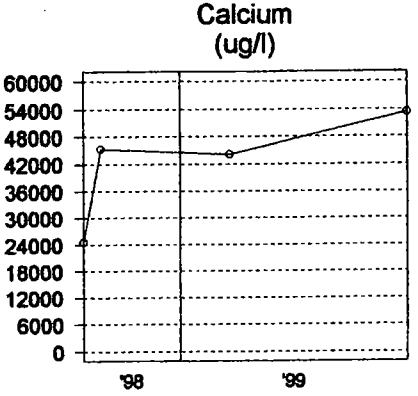












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Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.v

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	1750	1.26	3290	3870	20.1	8.24				V,S,P,M
11/02/98	FMETL	4300	4.86	9530	7600	38.4	8.24				V,S,P,M
02/03/99	FMETL	2600	1.17	5120	8080	31.2	6.81				V,S,P,M
06/15/99	FMETL	4430	1.43	8860	7800	41.9	7.94				V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 06/15/99

NOTES:

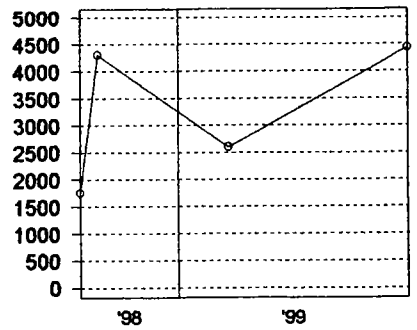
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

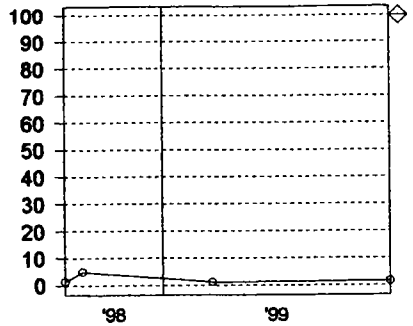
FORT MONMOUTH

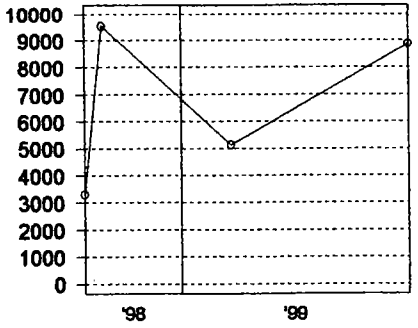
GW MONITORING
Bldg M-2

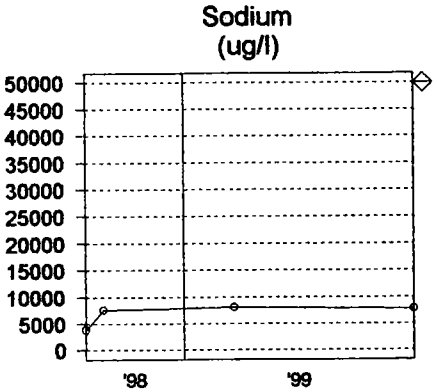
Well 10 of 10

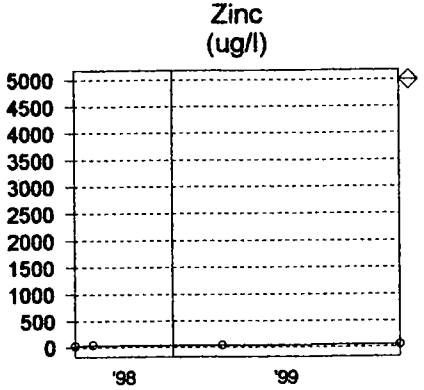
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

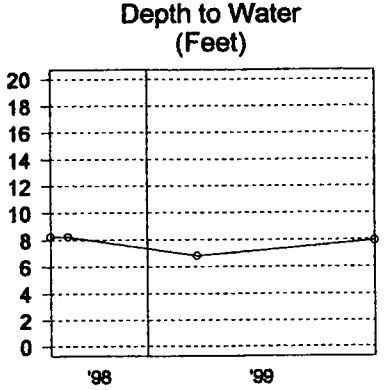












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Sampling Dates:
10/19/98 - 06/15/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-20-1999 c:\mtech46\fm\m-2\gw\m2.w

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4628.03	00M2MW01	29-32584	07/20/99
4628.04	00M2MW02	29-32585	07/20/99
4628.05	00M2MW03	29-32586	07/20/99
4628.06	00M2MW04	29-37988	07/20/99
4628.07	00M2MW05	29-39185	07/20/99
4628.08	00M2MW06	29-39184	07/20/99
4628.09	00M2MW07	29-39183	07/20/99
4628.10	00M2MW08	29-39182	07/20/99
4628.11	00M2MW09	29-39181	07/20/99
4628.12	00M2MW10	29-39180	07/20/99

NJDEP Laboratory Certification # 13461

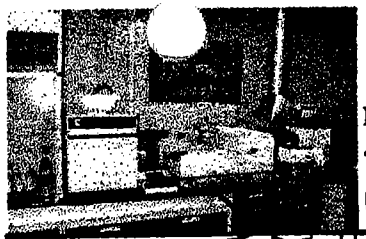
9/1/99

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M2 MW's
3rd Qtr Wells '99

Samplers Name / Company : Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	BNA's	TAL MTLS	Pest / PCB				Hex Cr	Comments: HNO3/HCL 4°C / Remarks / Preservation Method
41628.01	Trip	7/20/99	0720	AQ	2	✓							—	
.02	Field Blank		1005		5	✓	✓	✓	✓				—	
.03	00M2 MW01		1104			✓	✓	✓	✓				0.0	29 - 32584
.04	00M2 MW02		1019			✓	✓	✓	✓				0.0	29 - 32585
.05	00M2 MW03		1010			✓	✓	✓	✓				0.0	29 - 32586
.06	00M2 MW04		1045			✓	✓	✓	✓				0.1	29 - 32588
.07	00M2 MW05		1541			✓	✓	✓	✓				0.0	29 - 39185
.08	00M2 MW06		1514			✓	✓	✓	✓				0.0	29 - 39184
.09	00M2MW07		1432			✓	✓	✓	✓				0.0	29 - 39183
.10	00M2 MW08		1359			✓	✓	✓	—				0.0	29 - 39182
.11	00M2 MW09		1310			✓	✓	✓	✓				0.0	29 - 39181
.12	00M2 MW10		1219			✓	✓	✓	✓				0.0	29 - 39180
.13	Dupe	↓	—	↓	↓	✓	✓	✓	✓				—	

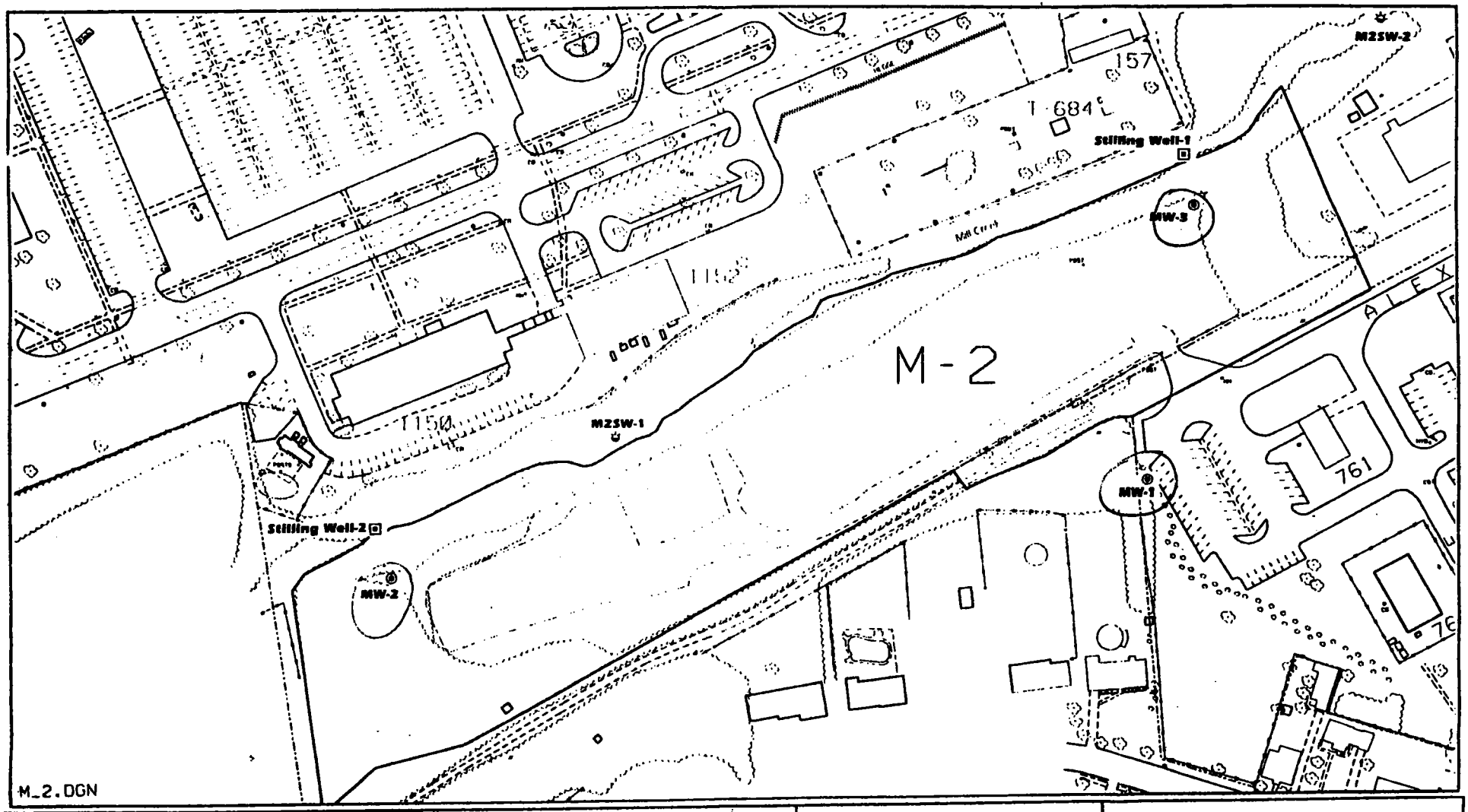
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	7/20/99 1606				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: (✓)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: Low

print legibly

Coc.xls7/12/99


M-2
MW-1
MW-2
MW-3
MZSW-1
MZSW-2
Stilling Well-1
Stilling Well-2
157
1684
1154
761
M_2.DGN
LEGEND
Monitor Well
Existing Surface Water Sampling Location
Stilling Well
Road (paved)
Road/Trail (unpaved)
Fence
Building
Wooded Area
Tree/Bush
Light Pole
Utility Pole
Site
Brook/Creek
Base Boundary
Marshy Area
0
100
200
SCALE IN FEET
Fort Monmouth, Main Post
FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000610.D	Sample Name	vblk19
Operator	Deinhardt	Field ID	vblk19
Date Acquired	21 Jul 1999 11:55 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **vblk19**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: vblk19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000610.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000611.D**
Operator **Deinhardt**
Date Acquired **21 Jul 1999 1:25 pm**

Sample Name **4628.01**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000611.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000612.D**
Operator **Deinhardt**
Date Acquired **21 Jul 1999 2:07 pm**

Sample Name **4628.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/28/99 11:13 AM

C:\HPCHEM\CUSTRPT\VOLATILE\624FY99.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000612.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000613.D	Sample Name	4628.03
Operator	Deinhardt	Field ID	00M2MW01
Date Acquired	21 Jul 1999 2:49 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.87	51629	1.02 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000613.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000614.D**
Operator **Deinhardt**
Date Acquired **21 Jul 1999 3:31 pm**

Sample Name **4628.04**
Field ID **00M2MW02**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	378541	4.39 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	1445576	23.13 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	32.90	52999	1.26 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.14	148322	3.46 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	33.97	48030	1.22 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000614.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	16.88	10	J

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000615.D**
Operator **Deinhardt**
Date Acquired **21 Jul 1999 4:14 pm**

Sample Name **4628.05**
Field ID **00M2MW03**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	226300	3.68 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000615.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000616.D**
Operator **Deinhardt**
Date Acquired **21 Jul 1999 4:56 pm**

Sample Name **4628.06**
Field ID **00M2MW04**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.35	164804	2.75 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000616.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000617.D	Sample Name	4628.07
Operator	Deinhardt	Field ID	00M2MW05
Date Acquired	21 Jul 1999 5:38 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000617.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000618.D	Sample Name	4628.08
Operator	Deinhardt	Field ID	00M2MW06
Date Acquired	21 Jul 1999 6:19 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000618.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-85-4	Amylene Hydrate	16.87	21	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000619.D	Sample Name	4628.09
Operator	Deinhardt	Field ID	00M2MW07
Date Acquired	21 Jul 1999 7:01 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone	15.23	69944	11.10 ug/L	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000619.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000620.D**	Sample Name	**4628.10**
Operator	**Deinhardt**	Field ID	**00M2MW08**
Date Acquired	**21 Jul 1999 7:43 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.62	212198	2.66 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000620.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000621.D	Sample Name	4628.11
Operator	Deinhardt	Field ID	00M2MW09
Date Acquired	21 Jul 1999 8:24 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	1129709	14.32 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000621.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000622.D**	Sample Name	**4628.12**
Operator	**Deinhardt**	Field ID	**00M2MW10**
Date Acquired	**21 Jul 1999 9:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000622.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000623.D**	Sample Name	**4628.13**
Operator	**Deinhardt**	Field ID	**Dupe**
Date Acquired	**21 Jul 1999 9:47 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 4628 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000623.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: not dec. _____ Date Analyzed: 7/21/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03026.D**	Sample Name	**Sblk275**
Operator	**Bhaskar**	Misc Info	**Sblk275 A 990722**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03026.D**	Sample Name	**Sblk275**
Operator	**Bhaskar**	Misc Info	**Sblk275 A 990722**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Sblk275**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk275

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03026.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.15	15	J
2.	unknown	6.36	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03038.D**	Sample Name	**Sblk276**
Operator	**Bhaskar**	Misc Info	**Sblk276 A 990727**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03038.D**	Sample Name	**Sblk276**
Operator	**Bhaskar**	Misc Info	**Sblk276 A 990727**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Sblk276**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk276

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03038.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	5	J
2.	unknown	9.16	22	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03028.D**	Sample Name	**4628.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03028.D**	Sample Name	**4628.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03028.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	10	J
2.	unknown	9.17	28	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03029.D**	Sample Name	**4628.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03029.D**	Sample Name	**4628.03**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03029.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	12	J
2.	unknown	9.16	19	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03030.D**	Sample Name	**4628.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	9.60	55666	1.43 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03030.D**	Sample Name	**4628.04**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03030.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	14	J
2.	unknown	9.16	17	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03031.D**	Sample Name	**4628.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03031.D**	Sample Name	**4628.05**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW03**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03031.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	6	J
2.	unknown	9.17	24	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03032.D**	Sample Name	**4628.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03032.D**	Sample Name	**4628.06**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03032.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	9	J
2.	unknown	9.16	25	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03033.D**	Sample Name	**4628.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03033.D**	Sample Name	**4628.07**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03033.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	5	J
2.	unknown	9.16	19	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03034.D**	Sample Name	**4628.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03034.D**	Sample Name	**4628.08**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03034.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.29	5	JN
2.	unknown	6.37	9	J
3.	unknown	9.16	26	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03035.D**	Sample Name	**4628.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03035.D**	Sample Name	**4628.09**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03035.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	8	J
2.	unknown	9.16	25	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03036.D**	Sample Name	**4628.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA03036.D**	Sample Name	**4628.10**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03036.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	6	J
2.	unknown	9.16	24	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03037.D**	Sample Name	**4628.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03037.D**	Sample Name	**4628.11**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4628.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03037.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: decanted: (Y/N) N Date Extracted: 7/22/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.37	9	J
2.	unknown	9.16	24	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03040.D**	Sample Name	**4628.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03040.D**	Sample Name	**4628.12**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**30-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03040.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/30/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.16	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03041.D**	Sample Name	**4628.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**31-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03041.D**	Sample Name	**4628.13**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**31-Jul-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project 98-0211 Case No.: 4628 Location M-2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4628.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03041.D

Level: (low/med) LOW Date Received: 7/20/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 7/27/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 7/31/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	9.16	23	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK365
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/29/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK366
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	7/26/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/29/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	FIELD BLANK
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/29/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/29/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/29/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	8/2/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	0.581

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1	16.16	0.10	0.0009	**0.046**
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	**1.456**
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4628.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	7/20/99
	Bldg. 173	**Extraction Date:**	7/21/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	7/30/99
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	DUPE
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628
Sample Prepared: 08/19/99

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	69.1	200	10.0
Antimony	08/19/99	5.88	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	0.562	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	1.69	4	0.5
Calcium	08/19/99	135	NLE	20.0
Chromium	08/19/99	1.14	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	16.0	1000	3.0
Iron	08/19/99	19.7	300	10.0
Lead	08/19/99	ND	10	2.0
Magnesium	08/19/99	76.7	NLE	20.0
Manganese	08/19/99	0.875	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	2.09	100	0.5
Potassium	08/19/99	181	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	111	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	ND	NLE	1.0
Zinc	08/19/99	29.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.02
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	ND	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	4.70	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	ND	4	0.5
Calcium	08/19/99	142	NLE	20.0
Chromium	08/19/99	1.07	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	4.89	1000	3.0
Iron	08/19/99	67.2	300	10.0
Lead	08/19/99	2.48	10	2.0
Magnesium	08/19/99	ND	NLE	20.0
Manganese	08/19/99	2.69	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	1.24	100	0.5
Potassium	08/19/99	40.7	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	91.2	50000	20.0
Thallium	08/19/99	4.68	10	3.0
Vanadium	08/19/99	ND	NLE	1.0
Zinc	08/19/99	15.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.03
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	762	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	56.6	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	1.94	4	0.5
Calcium	08/19/99	12900	NLE	20.0
Chromium	08/19/99	4.90	100	0.5
Cobalt	08/19/99	5.03	NLE	0.5
Copper	08/19/99	10.2	1000	3.0
Iron	08/19/99	2420	300	10.0
Lead	08/19/99	ND	10	2.0
Magnesium	08/19/99	3780	NLE	20.0
Manganese	08/19/99	94.4	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	19.1	100	0.5
Potassium	08/19/99	5820	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	12800	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	1.85	NLE	1.0
Zinc	08/19/99	1310	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.04
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	29.4	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	226	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	0.737	4	0.5
Calcium	08/19/99	80600	NLE	20.0
Chromium	08/19/99	3.10	100	0.5
Cobalt	08/19/99	0.680	NLE	0.5
Copper	08/19/99	4.68	1000	3.0
Iron	08/19/99	13200	300	10.0
Lead	08/19/99	3.61	10	2.0
Magnesium	08/19/99	7260	NLE	20.0
Manganese	08/19/99	196	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	2.27	100	0.5
Potassium	08/19/99	22900	NLE	20.0
Selenium	08/19/99	3.95	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	13600	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	1.29	NLE	1.0
Zinc	08/19/99	28.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.05
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	18.6	200	10.0
Antimony	08/19/99	2.47	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	88.1	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	0.928	4	0.5
Calcium	08/19/99	66300	NLE	20.0
Chromium	08/19/99	3.74	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	ND	1000	3.0
Iron	08/19/99	16600	300	10.0
Lead	08/19/99	5.31	10	2.0
Magnesium	08/19/99	5250	NLE	20.0
Manganese	08/19/99	464	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	1.20	100	0.5
Potassium	08/19/99	9980	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	9860	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	1.70	NLE	1.0
Zinc	08/19/99	64.4	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.06
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	52.3	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	180	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	2.32	4	0.5
Calcium	08/19/99	40200	NLE	20.0
Chromium	08/19/99	3.07	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	66.3	1000	3.0
Iron	08/19/99	32600	300	10.0
Lead	08/19/99	16.1	10	2.0
Magnesium	08/19/99	4790	NLE	20.0
Manganese	08/19/99	670	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	7.86	100	0.5
Potassium	08/19/99	7270	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	8330	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	1.13	NLE	1.0
Zinc	08/19/99	114	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.07
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	1360	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	3.39	8	2.0
Barium	08/19/99	243	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	1.81	4	0.5
Calcium	08/19/99	14900	NLE	20.0
Chromium	08/19/99	12.4	100	0.5
Cobalt	08/19/99	2.31	NLE	0.5
Copper	08/19/99	ND	1000	3.0
Iron	08/19/99	45800	300	10.0
Lead	08/19/99	4.71	10	2.0
Magnesium	08/19/99	2570	NLE	20.0
Manganese	08/19/99	38.1	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	2.59	100	0.5
Potassium	08/19/99	5910	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	5050	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	7.10	NLE	1.0
Zinc	08/19/99	22.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.08
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	992	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	128	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	0.948	4	0.5
Calcium	08/19/99	39300	NLE	20.0
Chromium	08/19/99	9.23	100	0.5
Cobalt	08/19/99	0.771	NLE	0.5
Copper	08/19/99	5.22	1000	3.0
Iron	08/19/99	36700	300	10.0
Lead	08/19/99	9.72	10	2.0
Magnesium	08/19/99	4830	NLE	20.0
Manganese	08/19/99	59.6	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	2.31	100	0.5
Potassium	08/19/99	6380	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	7200	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	4.71	NLE	1.0
Zinc	08/19/99	51.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.09
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	1150	200	10.0
Antimony	08/19/99	2.63	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	89.7	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	1.29	4	0.5
Calcium	08/19/99	49700	NLE	20.0
Chromium	08/19/99	6.68	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	ND	1000	3.0
Iron	08/19/99	19800	300	10.0
Lead	08/19/99	4.93	10	2.0
Magnesium	08/19/99	5740	NLE	20.0
Manganese	08/19/99	70.1	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	0.999	100	0.5
Potassium	08/19/99	5480	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	9750	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	2.79	NLE	1.0
Zinc	08/19/99	28.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.10
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	1560	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	120	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	0.925	4	0.5
Calcium	08/19/99	39700	NLE	20.0
Chromium	08/19/99	16.5	100	0.5
Cobalt	08/19/99	ND	NLE	0.5
Copper	08/19/99	ND	1000	3.0
Iron	08/19/99	37200	300	10.0
Lead	08/19/99	10.6	10	2.0
Magnesium	08/19/99	5220	NLE	20.0
Manganese	08/19/99	56.5	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	2.13	100	0.5
Potassium	08/19/99	8020	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	7890	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	6.62	NLE	1.0
Zinc	08/19/99	28.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.11
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	5850	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	3.90	8	2.0
Barium	08/19/99	104	2000	0.5
Beryllium	08/19/99	0.787	20	0.5
Cadmium	08/19/99	2.93	4	0.5
Calcium	08/19/99	50700	NLE	20.0
Chromium	08/19/99	69.1	100	0.5
Cobalt	08/19/99	3.54	NLE	0.5
Copper	08/19/99	19.1	1000	3.0
Iron	08/19/99	24900	300	10.0
Lead	08/19/99	20.5	10	2.0
Magnesium	08/19/99	6210	NLE	20.0
Manganese	08/19/99	1200	50	0.5
Mercury	08/05/99	0.5	2	0.1
Nickel	08/19/99	10.2	100	0.5
Potassium	08/19/99	10100	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	7300	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	27.2	NLE	1.0
Zinc	08/19/99	406	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.12
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	1010	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	ND	8	2.0
Barium	08/19/99	79.2	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	1.02	4	0.5
Calcium	08/19/99	43600	NLE	20.0
Chromium	08/19/99	12.8	100	0.5
Cobalt	08/19/99	0.576	NLE	0.5
Copper	08/19/99	4.00	1000	3.0
Iron	08/19/99	10700	300	10.0
Lead	08/19/99	8.20	10	2.0
Magnesium	08/19/99	3260	NLE	20.0
Manganese	08/19/99	63.1	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	1.44	100	0.5
Potassium	08/19/99	5670	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	7540	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	5.65	NLE	1.0
Zinc	08/19/99	40.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4628.13
Sample Received: 07/20/99
Sample Matrix: Aqueous

Site: M-2
Ft. Monmouth, New Jersey

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	08/19/99	887	200	10.0
Antimony	08/19/99	ND	20	2.0
Arsenic	08/19/99	2.81	8	2.0
Barium	08/19/99	58.0	2000	0.5
Beryllium	08/19/99	ND	20	0.5
Cadmium	08/19/99	2.30	4	0.5
Calcium	08/19/99	13500	NLE	20.0
Chromium	08/19/99	6.41	100	0.5
Cobalt	08/19/99	5.07	NLE	0.5
Copper	08/19/99	6.25	1000	3.0
Iron	08/19/99	3680	300	10.0
Lead	08/19/99	18.8	10	2.0
Magnesium	08/19/99	3860	NLE	20.0
Manganese	08/19/99	96.2	50	0.5
Mercury	08/05/99	ND	2	0.1
Nickel	08/19/99	18.7	100	0.5
Potassium	08/19/99	5900	NLE	20.0
Selenium	08/19/99	ND	50	3.0
Silver	08/19/99	ND	20	3.0
Sodium	08/19/99	12800	50000	20.0
Thallium	08/19/99	ND	10	3.0
Vanadium	08/19/99	2.59	NLE	1.0
Zinc	08/19/99	1310	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Aluminum	Iron	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/02/97	FMETL	360	100	150	ND	17	-	-	-	-	5.60
08/06/97	FMETL	236.3	400	128	ND	ND	-	-	-	-	8.15
10/23/97	FMETL	344	488	78	11	ND	63.8	1.6	12680	4670	9.30
02/11/98	FMETL	578	500	120	ND	ND	53.3	3.5	15460	3710	5.15
04/23/98	FMETL	239	233	73.1	ND	ND	57.2	2.5	10090	1739	4.61
07/22/98	FMETL	2480	7790	83.6	ND	ND	83.1	2.5	12600	4100	7.12
11/06/98	FMETL	402	1480	84.1	6.95	ND	67.6	6.23	12200	4330	9.55
02/03/99	FMETL	ND	1390	133	ND	ND	76.6	3.27	18100	4510	7.02
06/15/99	FMETL	561	698	84.3	ND	ND	45.5	1.56	13400	4230	7.64
07/20/99	FMETL	762	2420	94.4	ND	ND	56.6	1.94	12900	3780	8.53

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 07/20/99

NOTES:

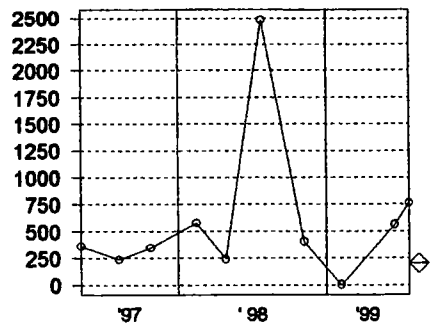
Silver in blank > GW Criteria for May 97.

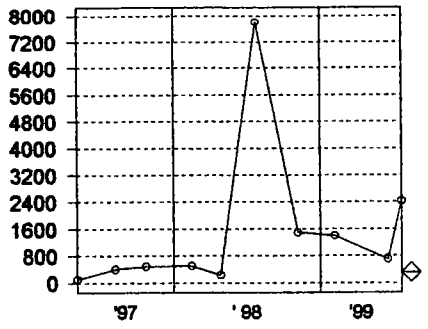
FORT MONMOUTH

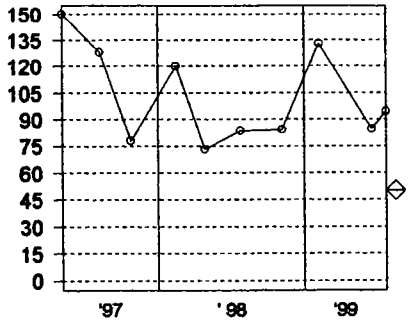
GW MONITORING
Bldg M-2

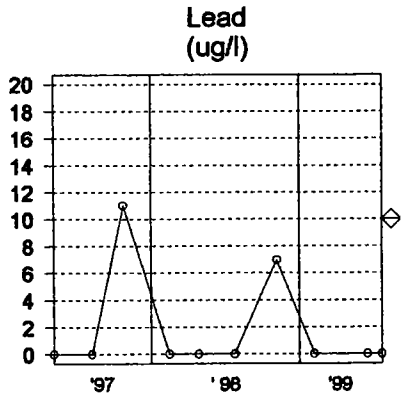
Well 1 of 10

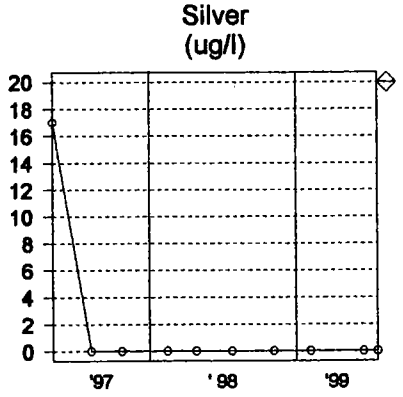
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

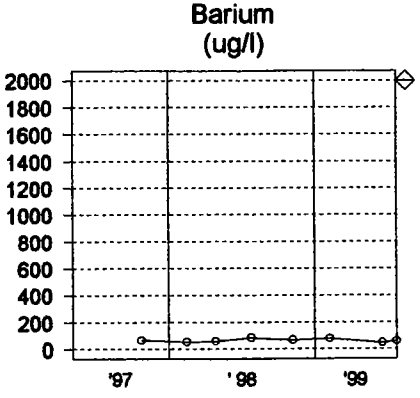


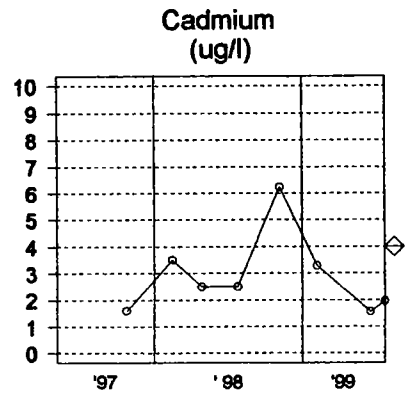


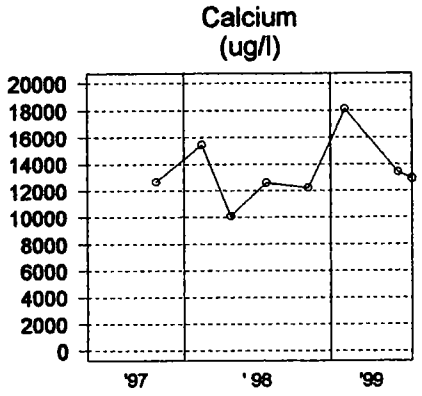


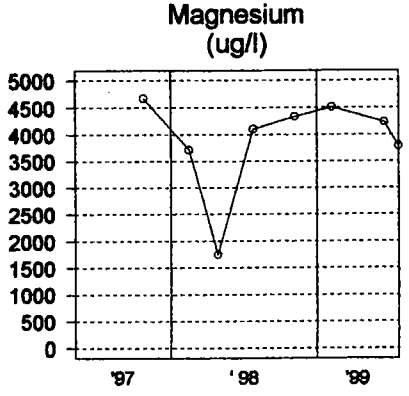












SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.v

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/02/97	FMETL	-	-	-	-	5.60					5.60
08/06/97	FMETL	-	-	-	-	8.15					8.15
10/23/97	FMETL	16.9	5020	9040	646	9.30					9.30
02/11/98	FMETL	17.9	5520	9290	1917	5.15					5.15
04/23/98	FMETL	9.7	5217	6370	785	4.61					4.61
07/22/98	FMETL	16.2	8610	10500	640	7.12					7.12
11/06/98	FMETL	20.9	5490	11000	1410	9.55					9.55
02/03/99	FMETL	23.1	6280	15500	2150	7.02					7.02
06/15/99	FMETL	19.4	5980	12800	941	7.64					7.64
07/20/99	FMETL	19.1	5820	12800	1310	8.53					8.53

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.

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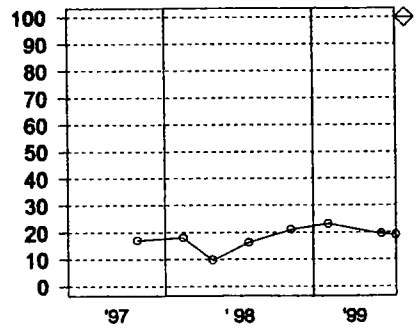
FORT MONMOUTH

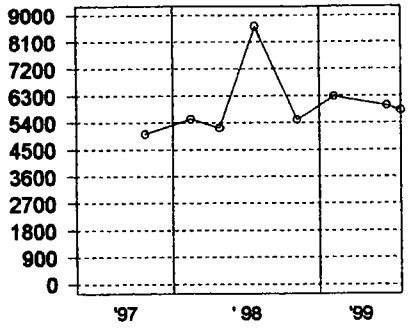
GW MONITORING
Bldg M-2

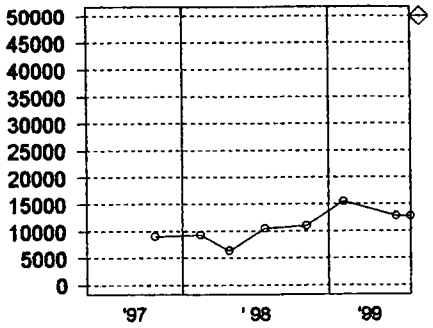
Well 1 of 10

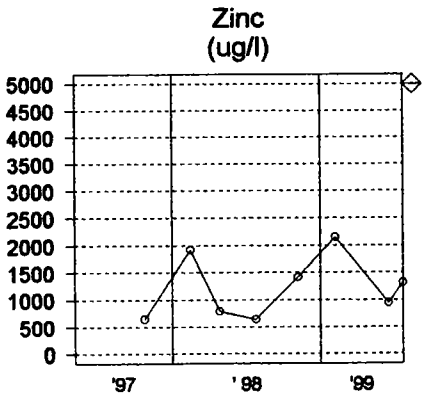
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

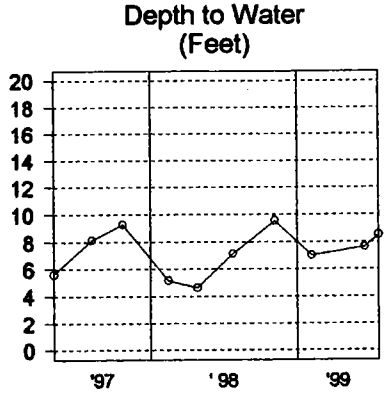
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf











SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech-46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Lead	Silver	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	75	200	300	50	10	20	2000	-
05/08/97	FMETL	ND	18	ND	49	35000	260	ND	41	-	10.2
08/06/97	FMETL	1.36	18.56	ND	51.7	82680	474	ND	ND	-	10.60
10/23/97	FMETL	ND	10.9	ND	107	16200	145	7.0	ND	120	10.90
02/11/98	FMETL	ND	7.39	ND	129	22500	157	ND	ND	171	9.80
04/23/98	FMETL	3.12	24.07	ND	108	76160	282	ND	ND	354	9.84
07/22/98	FMETL	6.44	36.51	4.02	44.7	26800	290	ND	ND	264	10.64
11/06/98	FMETL	2.73	44	3.01	48.2	33700	262	ND	ND	229	10.73
02/03/99	FMETL	5.84	37.3	2.27	ND	50800	456	ND	ND	273	10.02
06/15/99	FMETL	4.70	22.3	2.78	ND	17000	254	ND	ND	258	10.67
07/20/99	FMETL	4.39	23.13	3.46	29.4	13200	196	3.61	ND	226	10.77

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

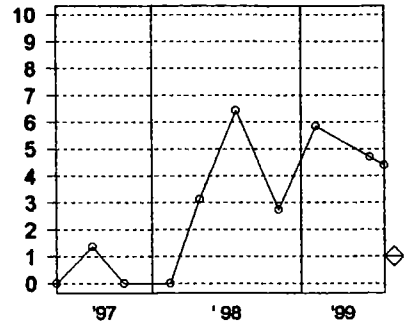
FORT MONMOUTH

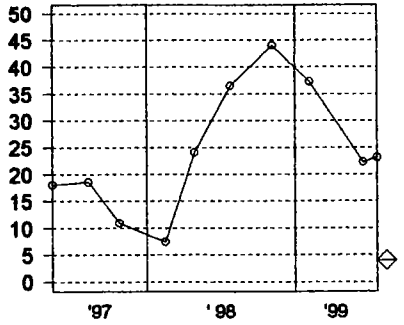
GW MONITORING
Bldg M-2

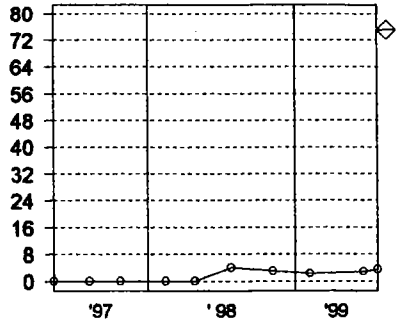
Well 2 of 10

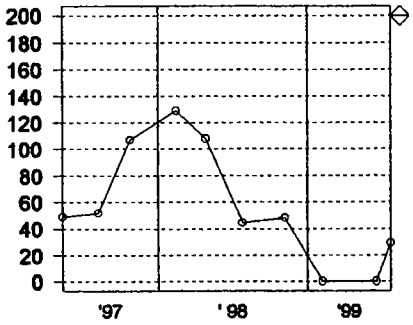
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

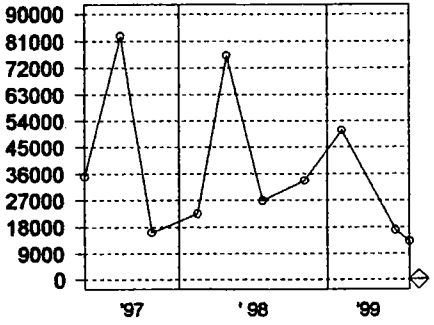
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

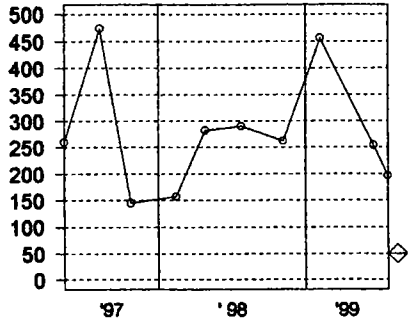


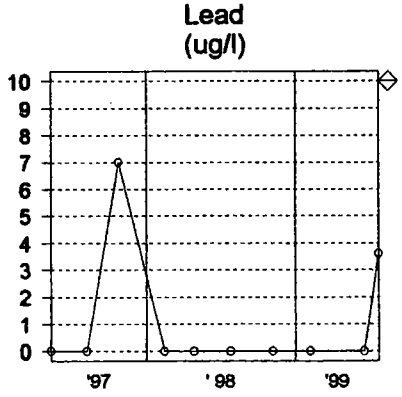


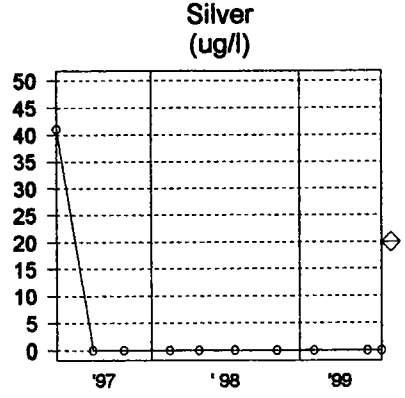


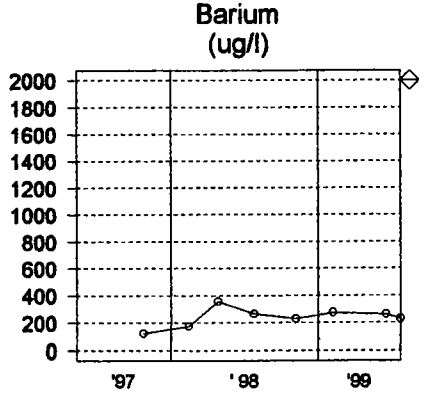












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wr

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
05/08/97	FMETL	-	-	-	-	-	-	-	10.2		10.2
08/06/97	FMETL	-	-	-	-	-	-	-	10.60		10.60
10/23/97	FMETL	ND	62570	5470	1.8	6930	7820	63	10.90		10.90
02/11/98	FMETL	ND	66770	5930	3.9	ND	7130	38	9.80		9.80
04/23/98	FMETL	1.1	75020	7788	2.1	24570	11880	7.6	9.84		9.84
07/22/98	FMETL	ND	88600	8540	2.06	42900	12600	32.4	10.64		10.64
11/06/98	FMETL	0.913	68300	6650	2.47	10300	9910	5.83	10.73		10.73
02/03/99	FMETL	ND	81300	9400	2.25	22200	17700	22.9	10.02		10.02
06/15/99	FMETL	0.968	101000	9140	ND	29000	15500	ND	10.67		10.67
07/20/99	FMETL	0.737	80600	7260	2.27	22900	13600	28.4	10.77		10.77

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 07/20/99

NOTES:

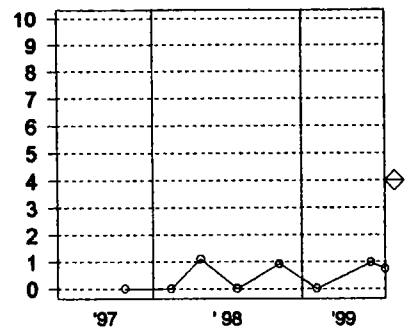
Silver in blank > GW Criteria for May 97.

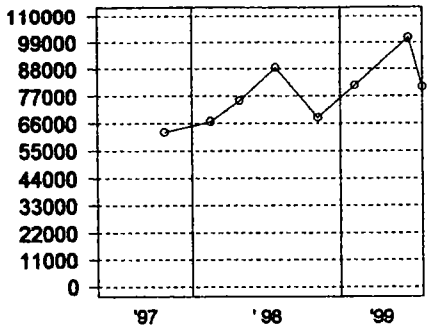
FORT MONMOUTH

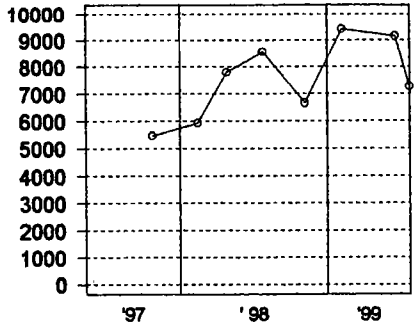
GW MONITORING
Bldg M-2

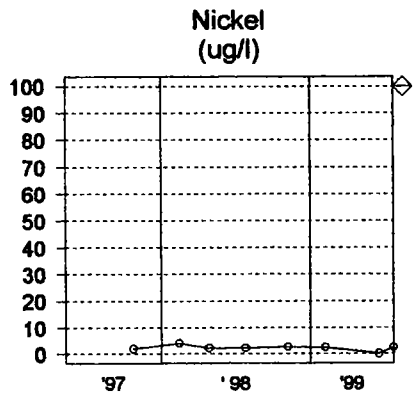
Well 2 of 10

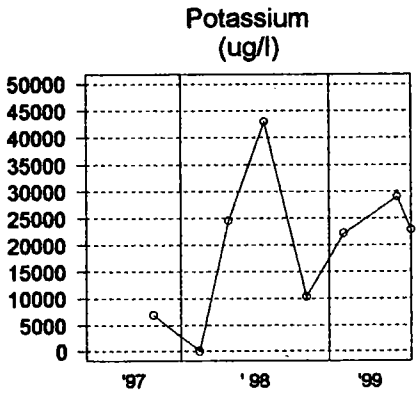
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

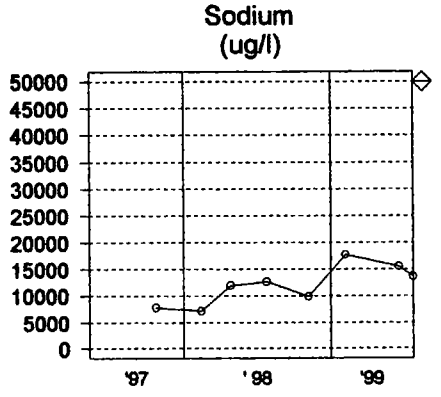


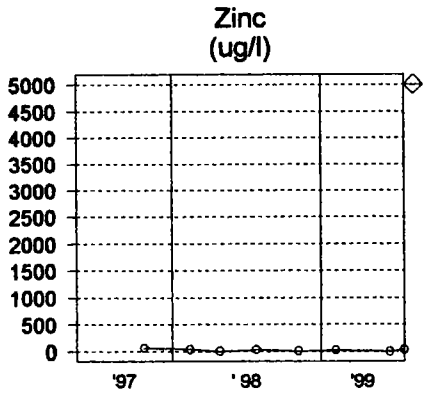


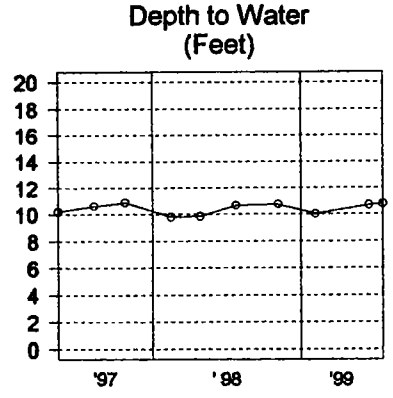












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	NLE	75	200	300	50	10	20	-
05/02/97	FMETL	ND	4.69	ND	ND	62	12200	500	ND	36	7.80
08/06/97	FMETL	ND	1.49	ND	ND	26	9300	511	ND	917	8.20
10/23/97	FMETL	1.31	17.7	ND	ND	145	10010	427	13	ND	8.60
02/11/98	FMETL	3.78	78.8	1.76	ND	256	39970	513	ND	ND	7.40
04/23/98	FMETL	4.26	107.81	3.12	ND	58	69260	516	2.8	ND	7.83
07/22/98	FMETL	ND	10.51	ND	ND	28.5	14500	395	ND	ND	6.67
11/06/98	FMETL	1.78	11.9	ND	2.38	66.3	13700	586	2.83	ND	8.39
02/03/99	FMETL	ND	7.14	ND	ND	531	16500	407	5.02	ND	7.28
06/15/99	FMETL	ND	4.29	ND	ND	25	13500	412	ND	ND	6.71
07/20/99	FMETL	ND	3.68	ND	ND	18.6	16600	464	5.31	ND	8.61

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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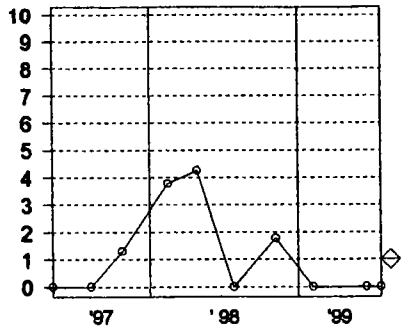

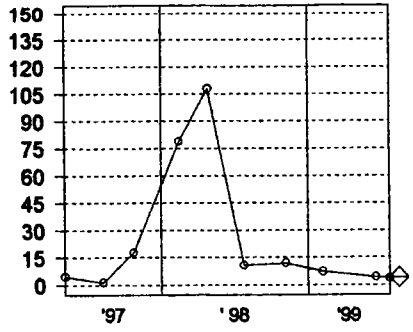

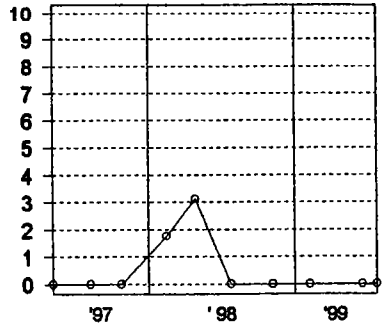

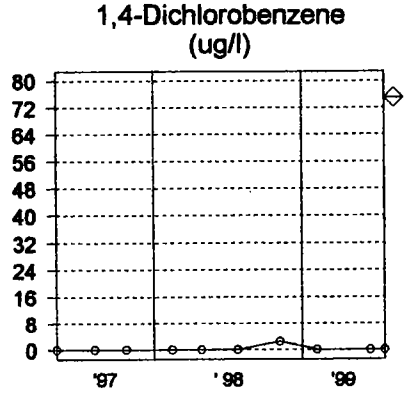

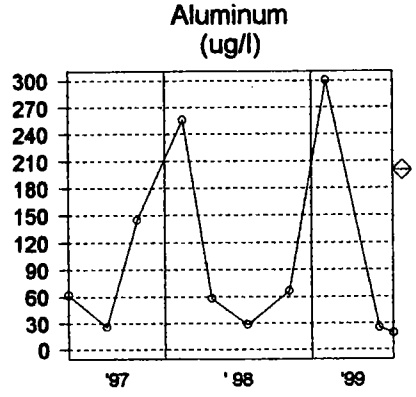

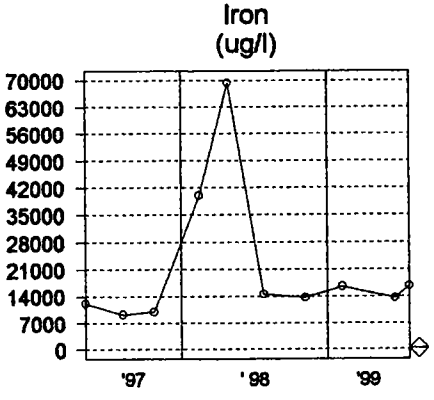

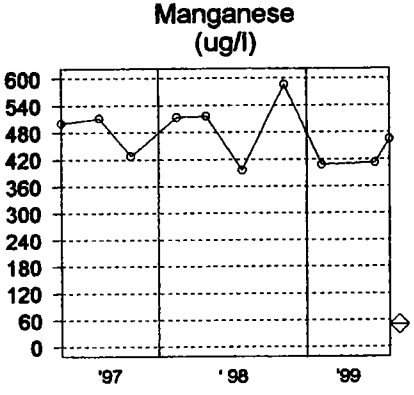

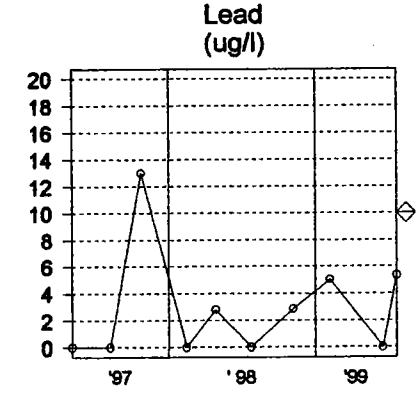

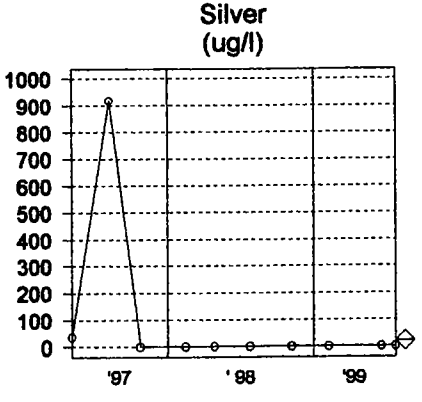

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/02/97	FMETL	-	-	-	-	-	-	-	-	7.80	7.80
08/06/97	FMETL	-	-	-	-	-	-	-	-	8.20	8.20
10/23/97	FMETL	47.4	ND	64240	4780	1.7	9120	10300	71	8.60	8.60
02/11/98	FMETL	317	ND	154300	11200	6	18580	18180	48	7.40	7.40
04/23/98	FMETL	566	ND	145200	9303	ND	17930	11200	ND	7.83	7.83
07/22/98	FMETL	86.4	ND	72700	5010	0.566	11900	11600	31.1	6.67	6.67
11/06/98	FMETL	114	ND	111000	12000	2.88	22100	28600	11	8.39	8.39
02/03/99	FMETL	141	2.83	86500	8750	50.9	13900	15800	433	7.28	7.28
06/15/99	FMETL	84.5	0.845	69300	5800	ND	11400	10200	54.8	8.71	8.71
07/20/99	FMETL	88.1	0.928	66300	5250	1.2	9980	9860	64.4	8.61	8.61

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
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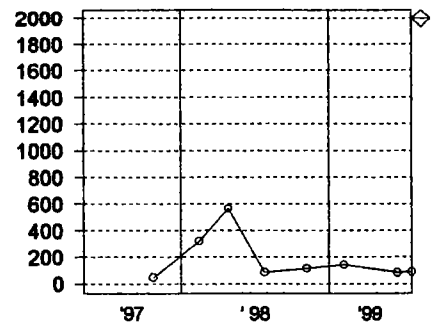
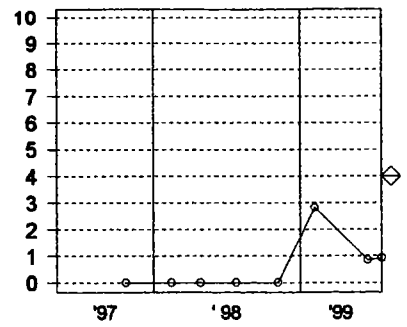
FORT MONMOUTH

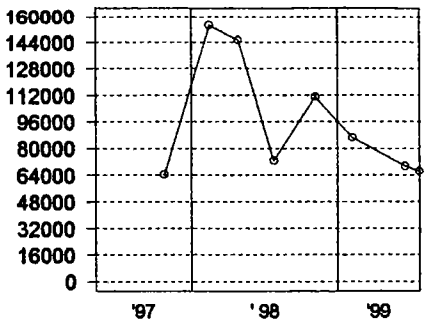
GW MONITORING
Bldg M-2

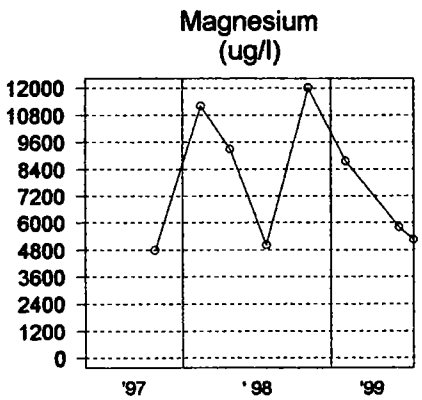
Well 3 of 10

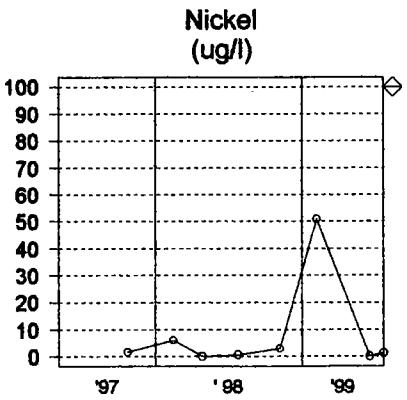
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

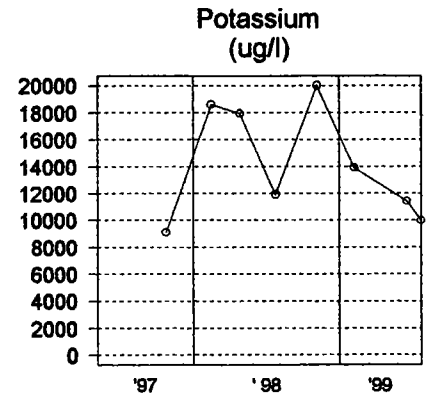


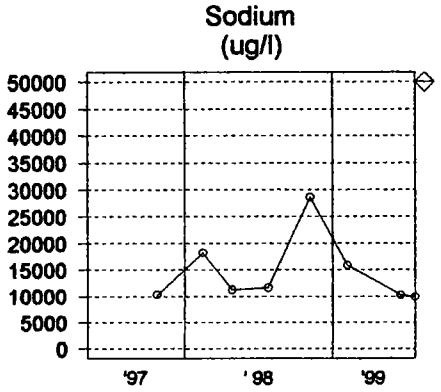


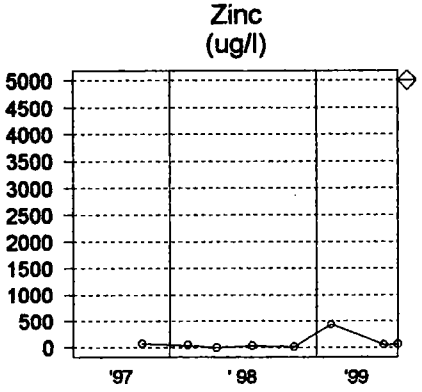


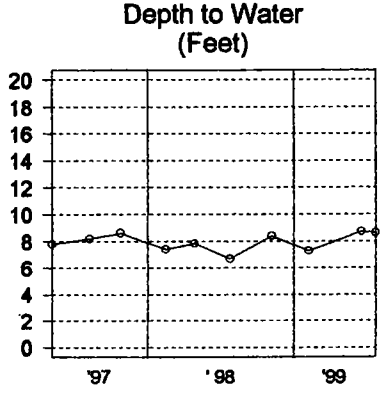












SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.ws

	Lab	Chloro benzene	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	200	300	50	10	2000	4	NLE	NLE	-
02/11/98	FMETL	2.41	514	30140	534	ND	177	ND	5350	6840	8.80
04/27/98	FMETL	ND	ND	17800	757	ND	111	ND	33070	5041	8.49
07/22/98	FMETL	1.29	302	26300	3780	ND	131	ND	33700	3780	9.42
11/06/98	FMETL	ND	209	23900	180	3.27	132	1.47	36300	5230	10.33
02/03/99	FMETL	ND	20.3	33300	2010	ND	132	1.38	45600	4220	8.96
06/15/99	FMETL	ND	57.6	31300	311	ND	155	0.873	34000	3770	9.62
07/20/99	FMETL	2.75	52.3	32600	670	16.1	180	2.32	40200	4790	9.91

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 07/20/99

NOTES:

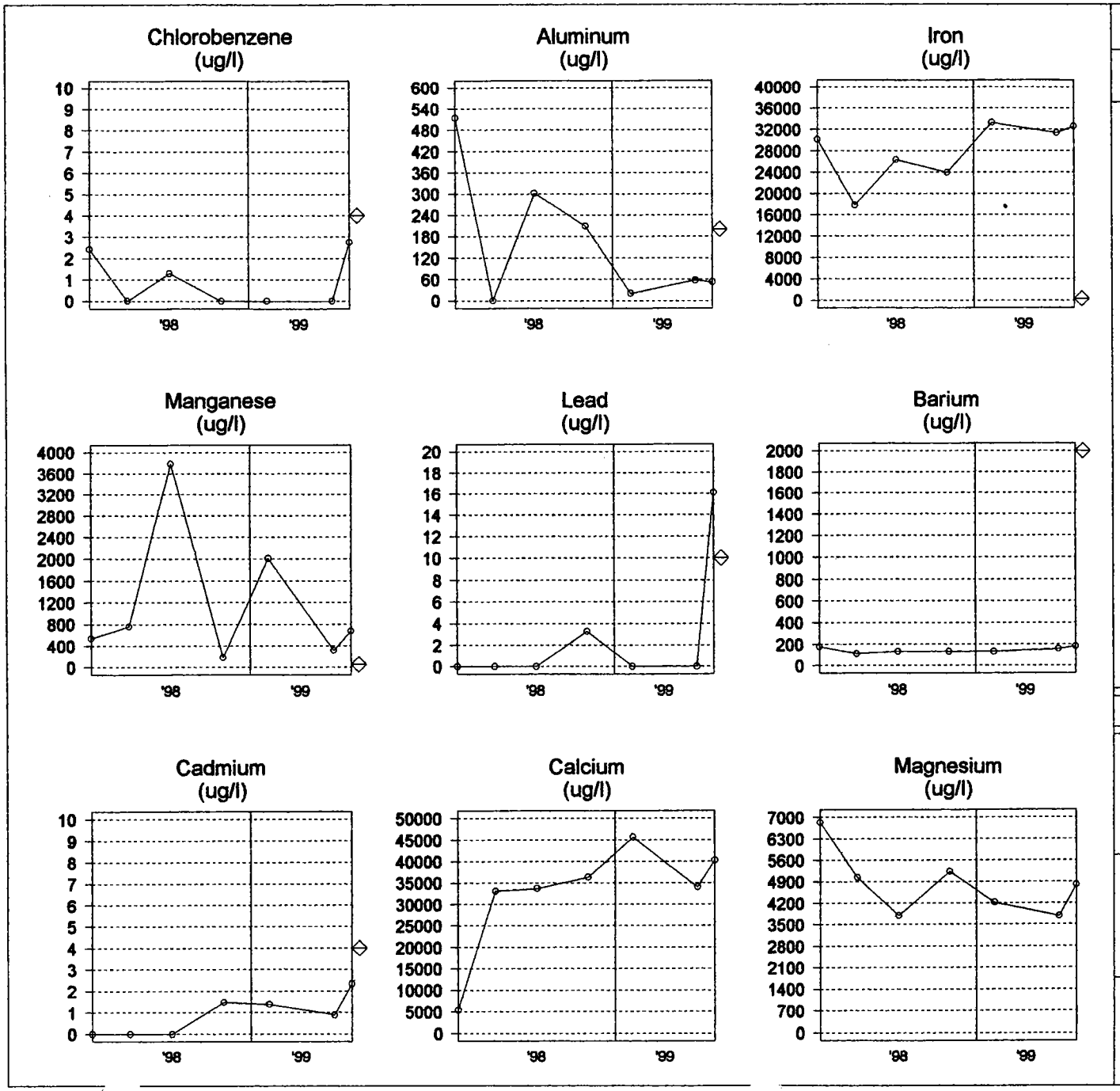
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.w

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
02/11/98	FMETL	4.5	7700	7540	39	8.80					8.80
04/27/98	FMETL	3.5	7929	8592	38.9	8.49					8.49
07/22/98	FMETL	1.81	7670	8500	41.6	9.42					9.42
11/06/98	FMETL	4.16	7470	8050	51.3	10.33					10.33
02/03/99	FMETL	4.41	7140	9840	68.4	8.96					8.96
06/15/99	FMETL	ND	6950	8040	18.8	9.62					9.62
07/20/99	FMETL	7.86	7270	8330	114	9.91					9.91

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 2 of 2.

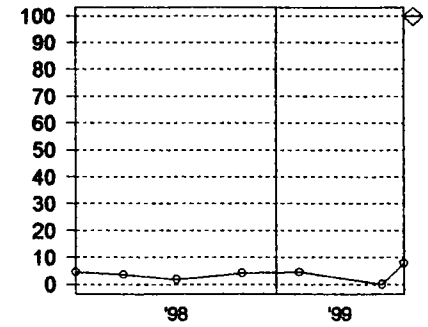
FORT MONMOUTH

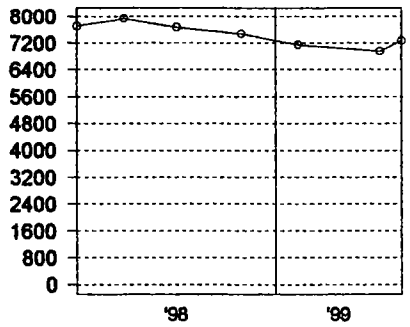
GW MONITORING
Bldg M-2

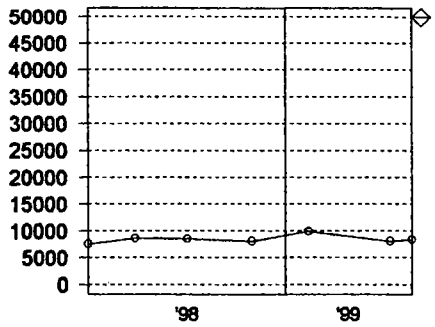
Well 4 of 10

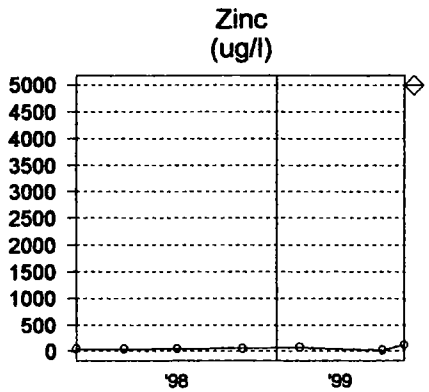
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

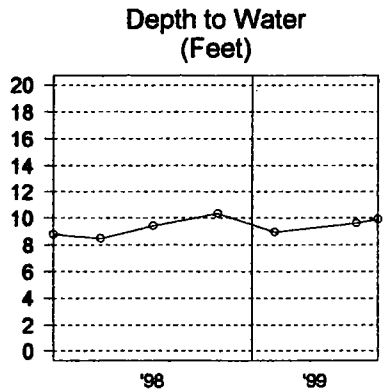
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf











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Sampling Dates:
02/11/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	2-Butanone	bis(2-ethylhexyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	30	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	9.29	ND	1080	15800	34.2	4.09	35.8	ND	14300	6.84
11/02/98	FMETL	3.19	ND	4860	29900	45.5	15.3	65.4	ND	15200	6.84
02/03/99	FMETL	ND	40.9	633	35300	48.2	4.62	171	2.05	13800	6.14
06/15/99	FMETL	ND	ND	2040	72000	41.5	7.58	419	1.88	16100	6.75
07/20/99	FMETL	ND	ND	1360	45800	38.1	4.71	243	1.81	14900	6.89

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
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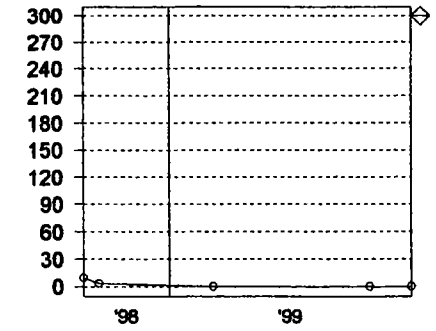
FORT MONMOUTH

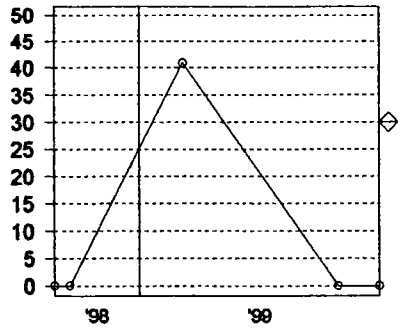
GW MONITORING
Bldg M-2

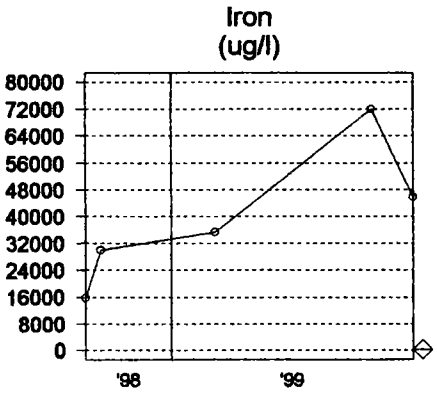
Well 5 of 10

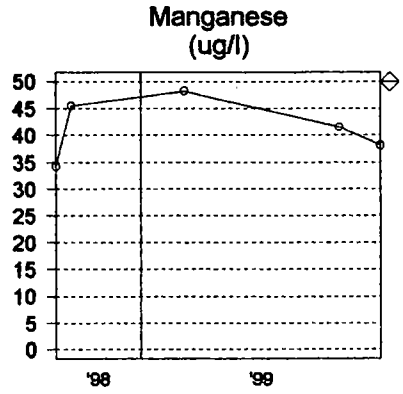
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

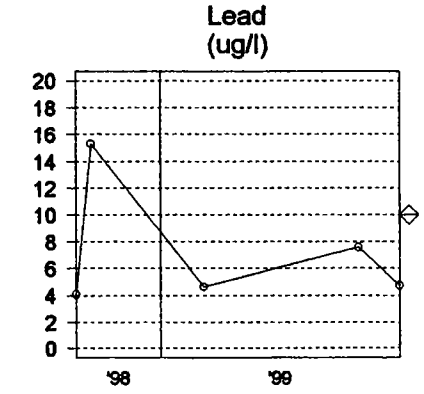
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

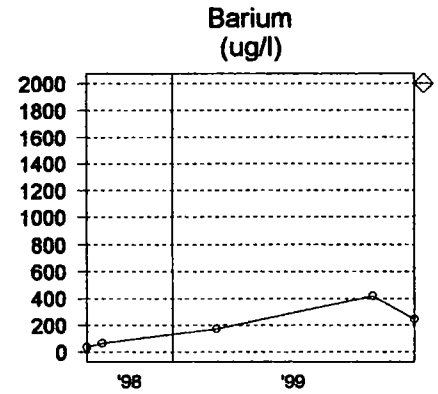


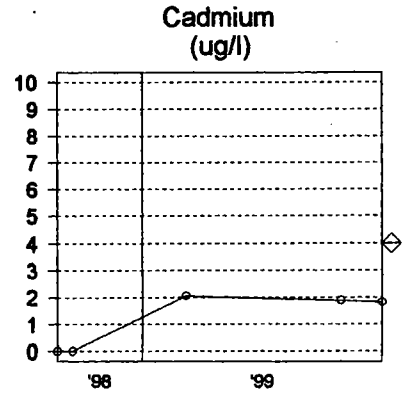


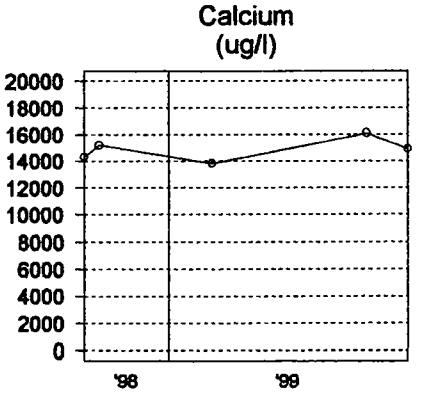












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.w

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	2660	6.31	6550	5070	16.4	6.84				6.84
11/02/98	FMETL	4270	13.7	10200	4830	53.5	6.84				6.84
02/03/99	FMETL	1970	3.3	4630	6910	43.4	6.14				6.14
06/15/99	FMETL	2780	1.72	6720	5340	32.7	6.75				6.75
07/20/99	FMETL	2570	2.59	5910	5050	22.0	6.89				6.89

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

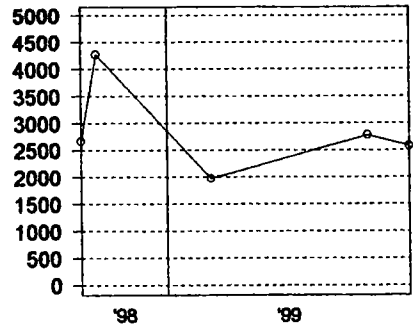
Silver in blank > GW Criteria for May 97.

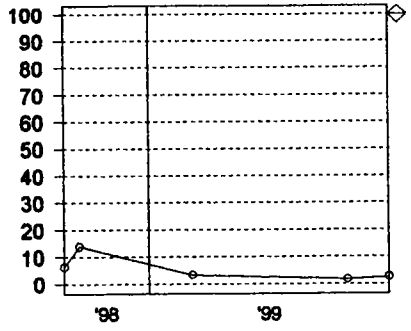
FORT MONMOUTH

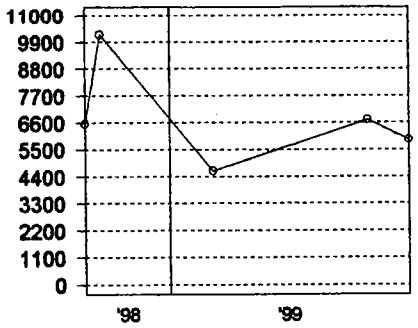
GW MONITORING
Bldg M-2

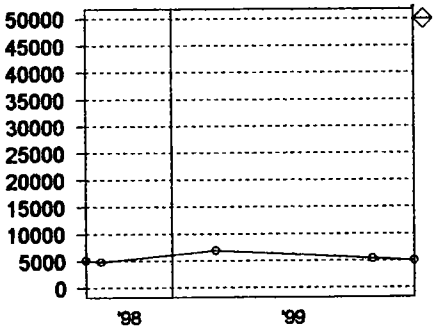
Well 5 of 10

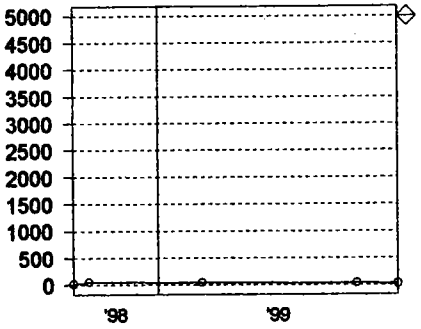
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

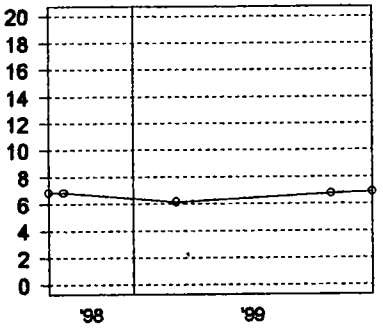












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Chloro benzene	2-But anone	Arochlor 1016	Arochlor 1260	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	300	0.50	0.50	200	300	50	10	2000	-
10/19/98	FMETL	1.36	8.86	0.865	ND	1240	16500	72.5	22.4	102	9.12
11/02/98	FMETL	ND	4.65	2.26	ND	10300	43500	92.7	90.5	175	9.12
02/03/99	FMETL	ND	ND	0.611	ND	1330	50700	138	13.6	185	8.18
06/15/99	FMETL	ND	ND	ND	ND	749	38100	55.0	6.26	175	8.79
07/20/99	FMETL	ND	ND	ND	0.581	992	36700	59.6	9.72	128	9.08

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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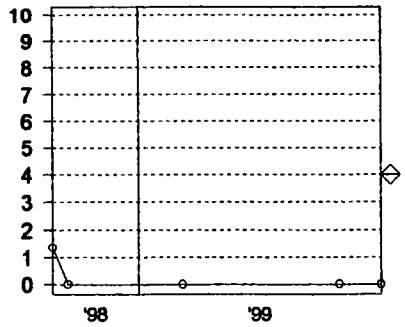

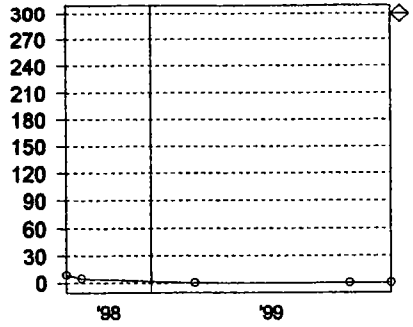

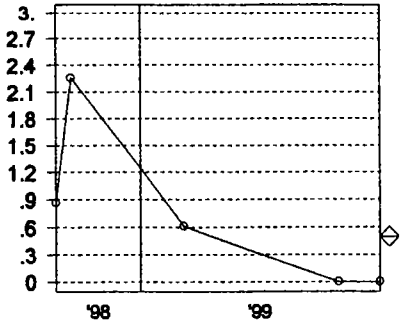

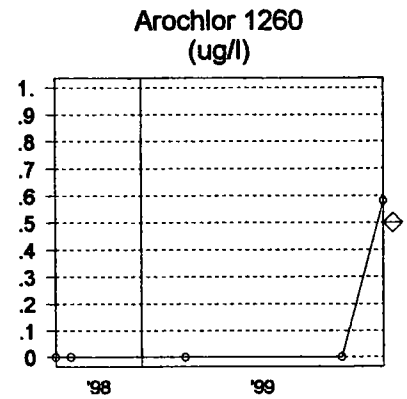

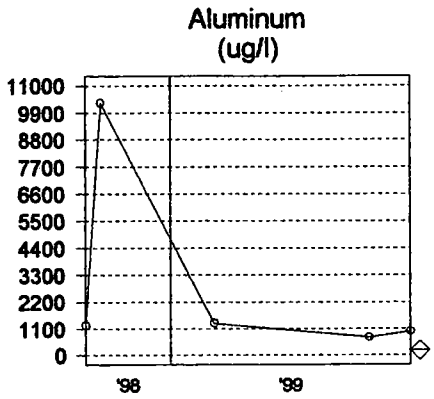

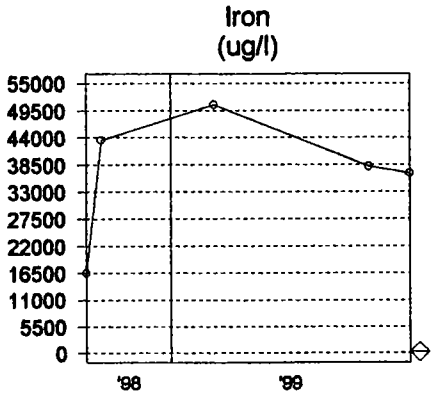

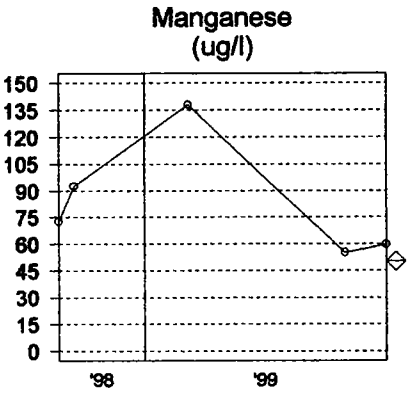

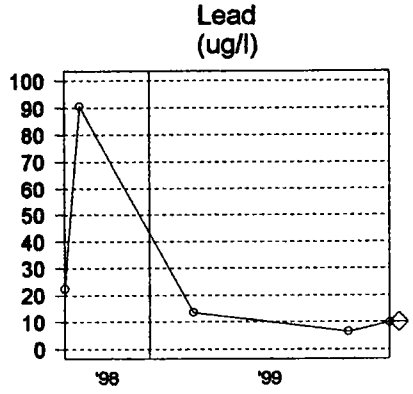

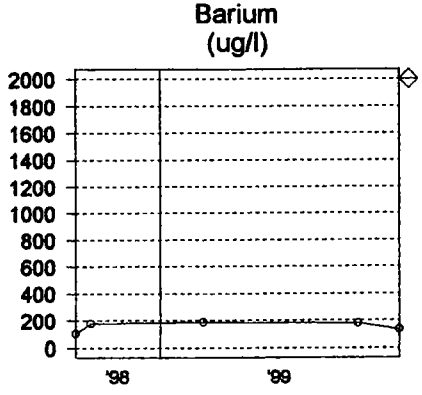

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech48\fm\m-2\gw\m2.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/19/98	FMETL	ND	48700	4970	3.62	7660	6970	83.5	9.12		9.12
11/02/98	FMETL	ND	49100	8030	18.9	15100	8090	392	9.12		9.12
02/03/99	FMETL	0.969	54000	5620	5.53	7000	8620	100	8.18		8.18
06/15/99	FMETL	0.941	40300	4710	ND	6470	7190	33.6	8.79		8.79
07/20/99	FMETL	0.948	39300	4830	2.31	6380	7200	51.7	9.08		9.08

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10

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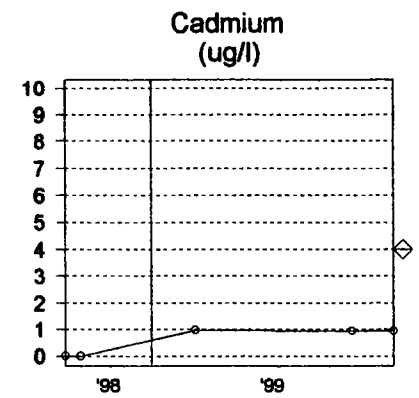
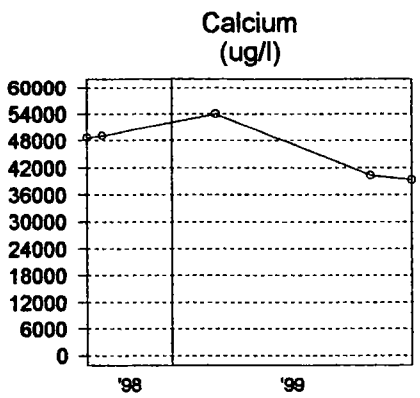
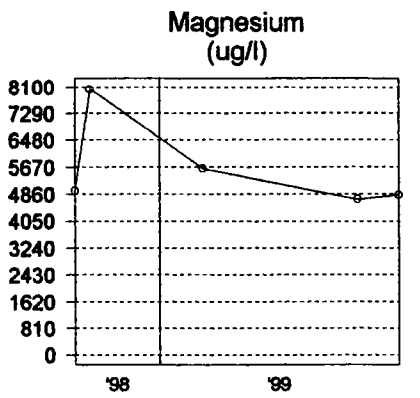
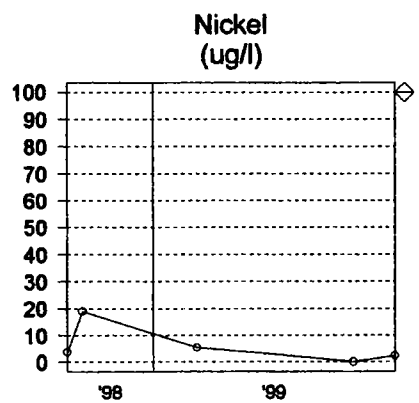
FORT MONMOUTH
SELFM-PW-EV

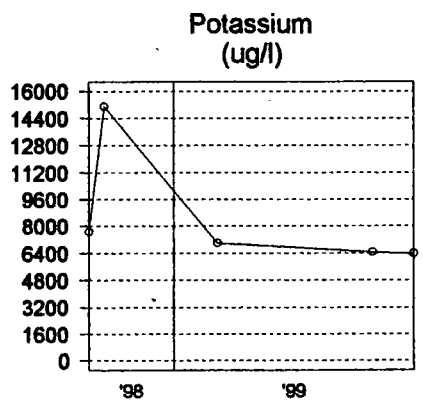
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

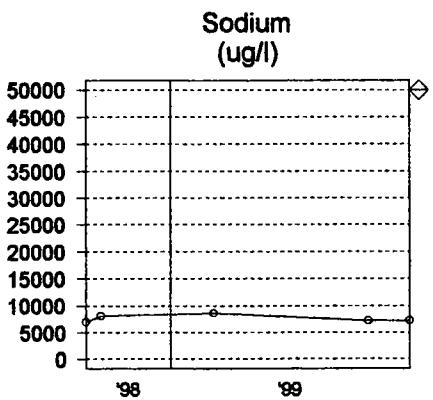


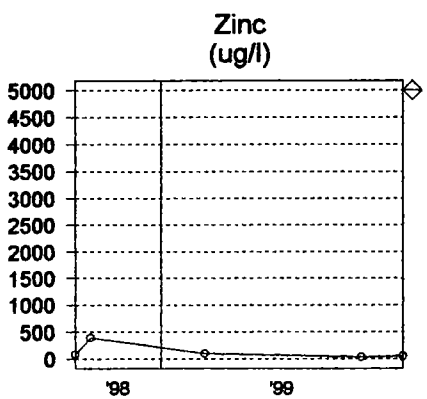


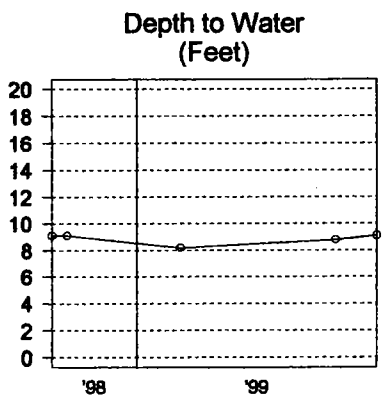












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Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech48\fm\m-2\gw\m2.w

	Lab	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	300	200	300	50	10	2000	4	NLE	NLE	-
10/19/98	FMETL	11.29	1480	14800	94.8	13	96.6	ND	51700	6010	7.61
11/02/98	FMETL	5.45	3870	23800	82.2	16.4	107	2.36	51000	6450	7.61
02/03/99	FMETL	ND	433	41800	79.6	3.41	103	1.94	48300	5240	6.66
06/15/99	FMETL	ND	780	71900	80.3	ND	209	1.96	51200	5660	7.31
07/20/99	FMETL	11.10	1150	19800	70.1	4.93	89.7	1.29	49700	5740	7.61

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

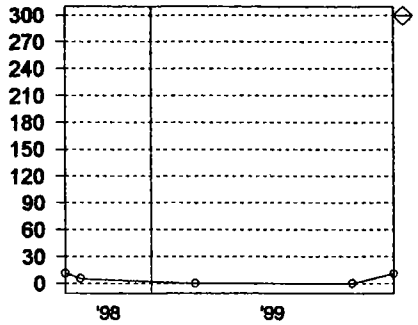
FORT MONMOUTH

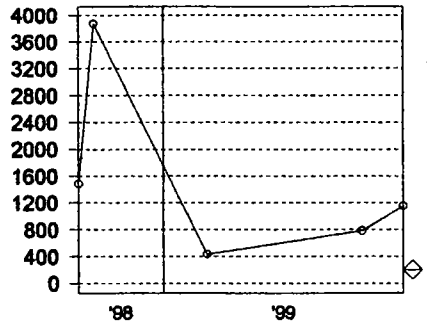
GW MONITORING
Bldg M-2

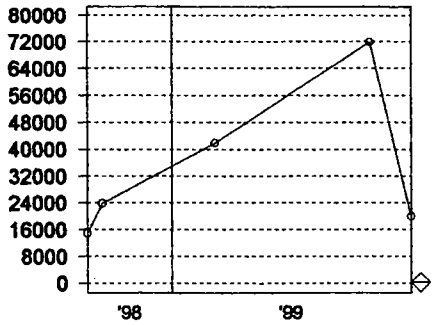
Well 7 of 10

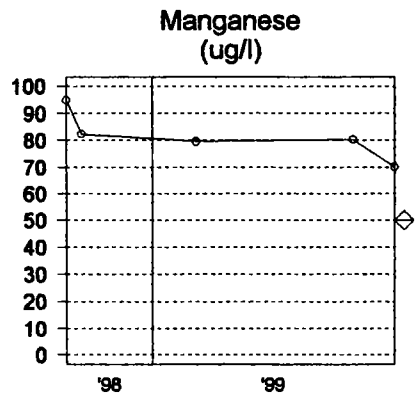
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

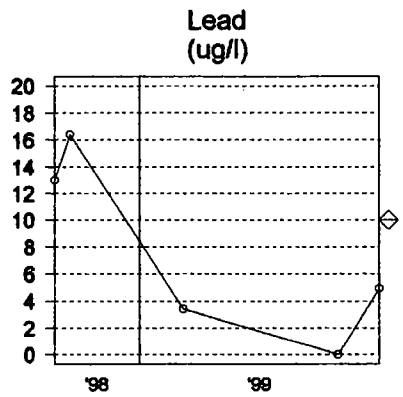
08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

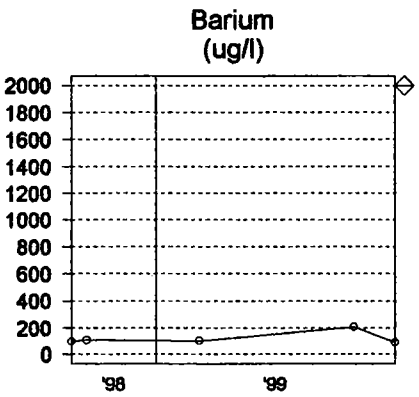


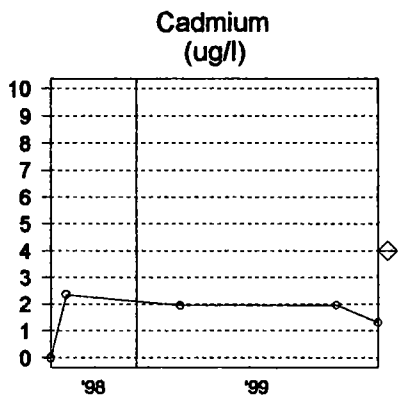


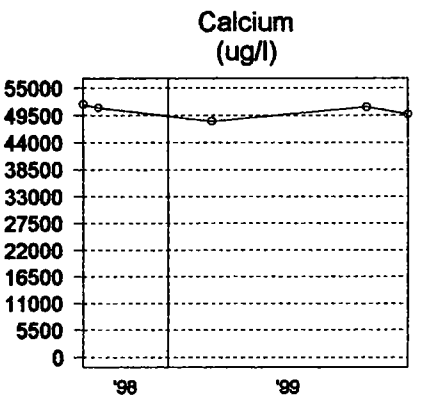


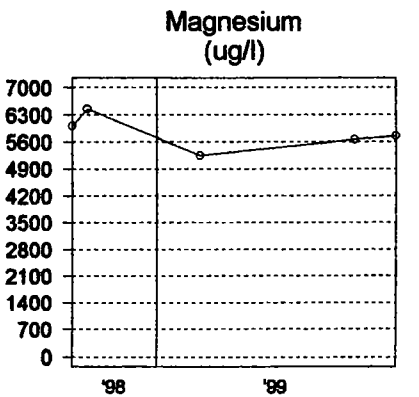












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.w

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	8.01	7310	13500	93.8	7.61					7.61
11/02/98	FMETL	12	8570	8650	144	7.61					7.61
02/03/99	FMETL	2.46	5260	9530	70.1	6.66					6.66
06/15/99	FMETL	ND	5890	8800	28.0	7.31					7.31
07/20/99	FMETL	0.999	5480	9750	28.0	7.61					7.61

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

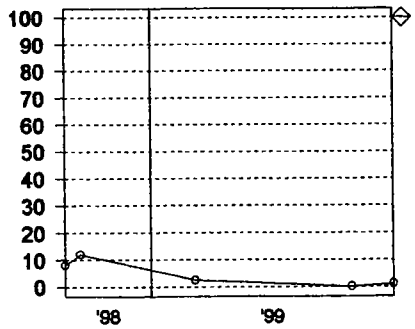
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

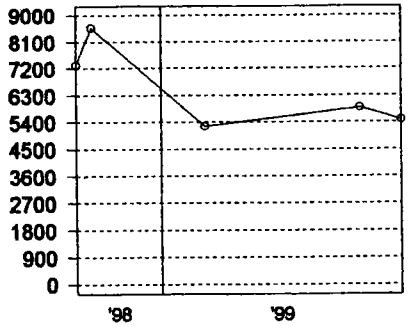
FORT MONMOUTH

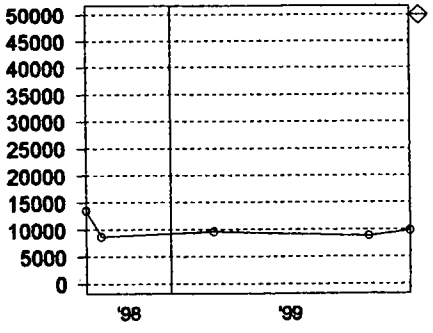
GW MONITORING
Bldg M-2

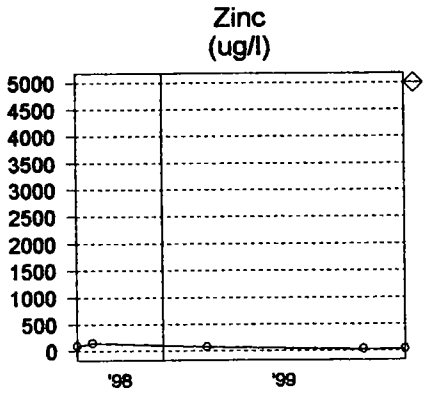
Well 7 of 10

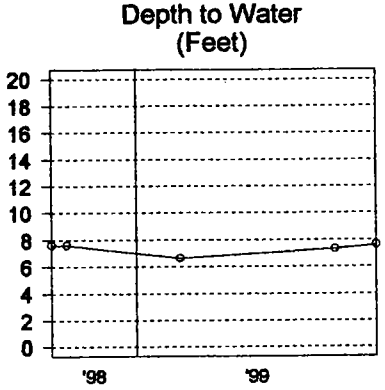
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.w

	Lab	Benzene	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	300	200	300	50	10	2000	4	NLE	-
10/19/98	FMETL	7.46	86.82	1490	18400	55.1	11	72.6	ND	40000	7.48
11/02/98	FMETL	5.88	28.18	8250	46100	69.9	45	87.2	ND	42700	7.48
02/03/99	FMETL	5.56	ND	1350	76500	61.7	5.57	136	1.16	39400	6.46
06/15/99	FMETL	4.13	ND	3630	142000	74.6	13.5	562	4.14	44800	7.22
07/20/99	FMETL	2.66	ND	1560	37200	56.5	10.6	120	0.925	39700	7.51

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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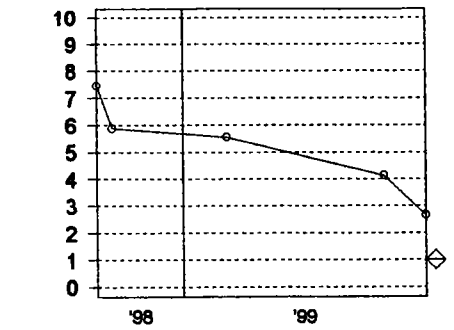
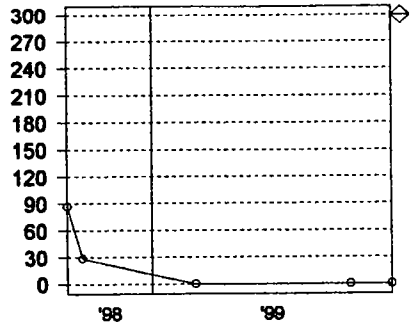
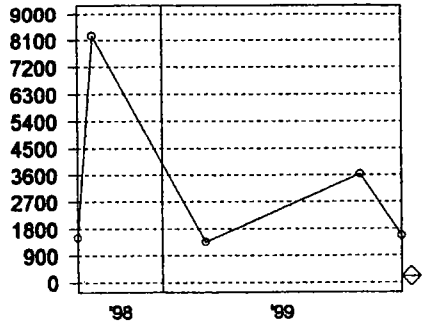
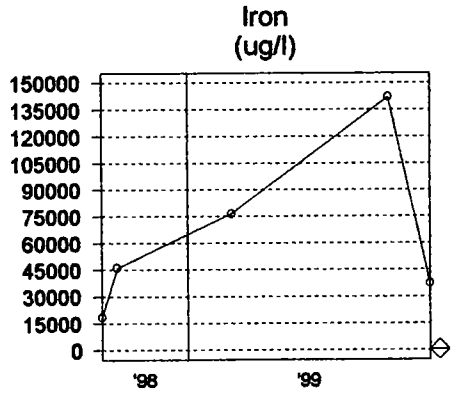
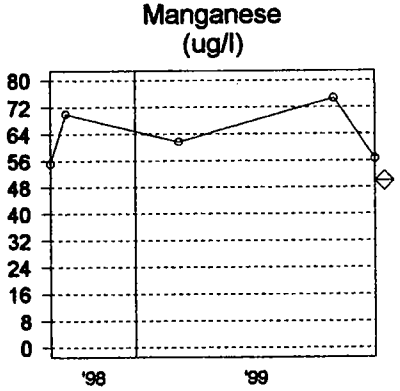
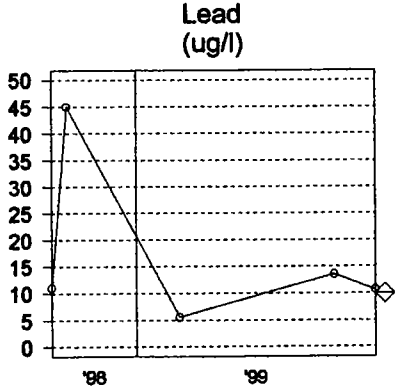


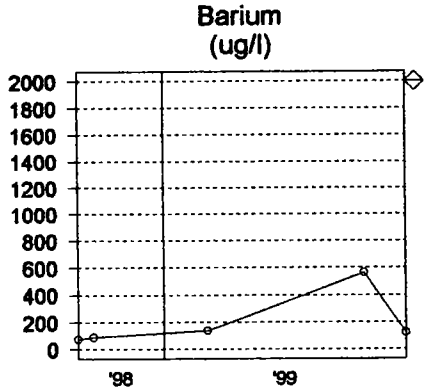


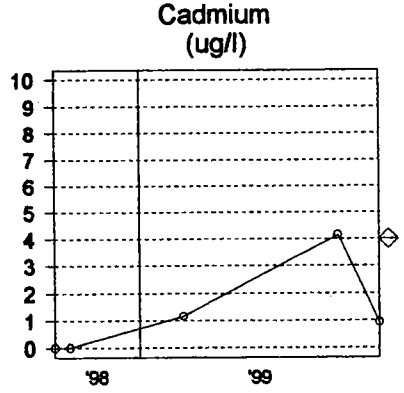


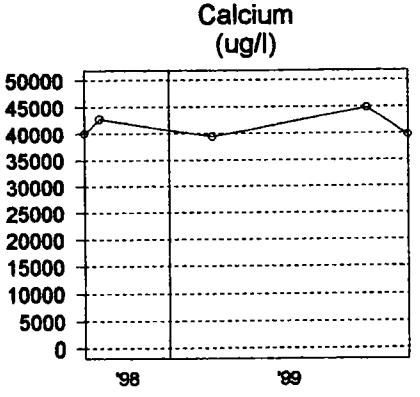












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.ws

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/98	FMETL	5200	5.21	9010	7560	32.5	7.48				7.48
11/02/98	FMETL	8600	10.5	19100	8240	95.3	7.48				7.48
02/03/99	FMETL	4460	3.71	7260	8690	96.4	6.46				6.46
06/15/99	FMETL	5910	ND	10300	7820	34.5	7.22				7.22
07/20/99	FMETL	5220	2.13	8020	7890	28.6	7.51				7.51

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

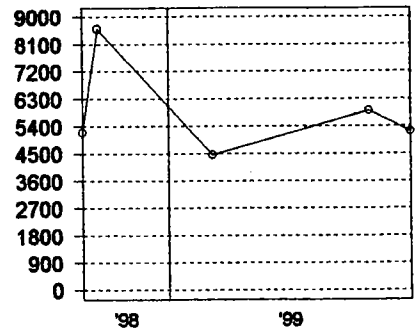
Silver in blank > GW Criteria for May 97.

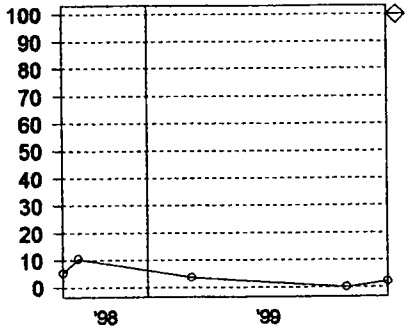
FORT MONMOUTH

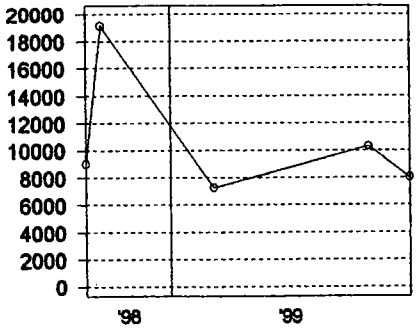
GW MONITORING
Bldg M-2

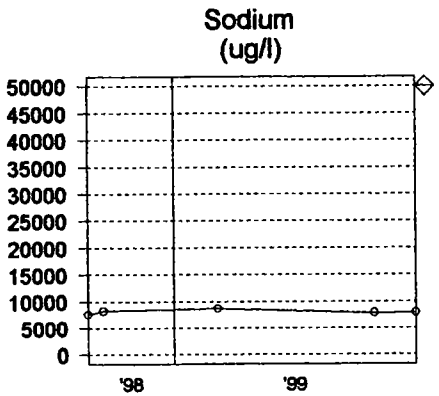
Well 8 of 10

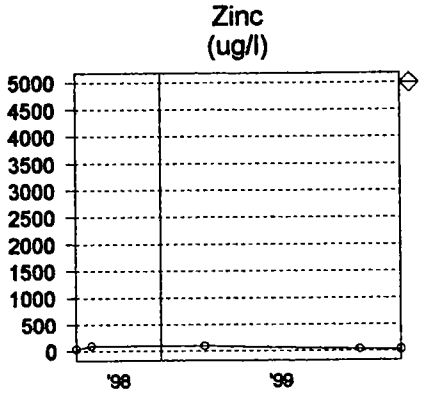
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

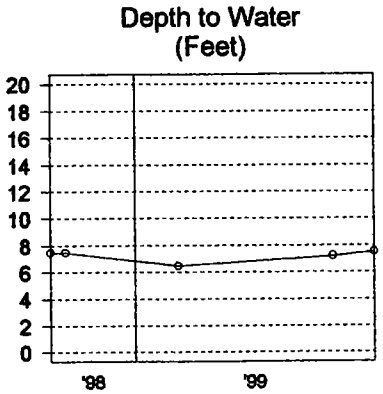












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	0.50	0.50	200	300	50	10	20	-
10/19/98	FMETL	538.24	ND	0.70	3.85	455	10400	1920	7	ND	10.85
11/02/98	FMETL	205.68	ND	0.26	1.47	7880	36100	1560	41.6	ND	10.85
02/03/99	FMETL	263.2	1.99	0.244	1.187	3250	30900	4260	13.1	ND	10.17
06/15/99	FMETL	23.39	ND	ND	ND	32300	99300	1430	95.9	4.90	10.78
07/20/99	FMETL	14.32	ND	ND	1.456	5850	24900	1200	20.5	ND	10.99

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

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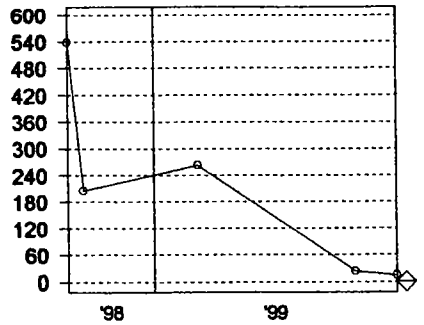
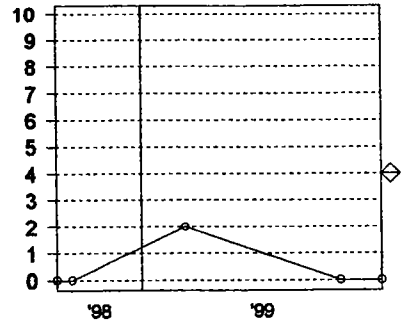
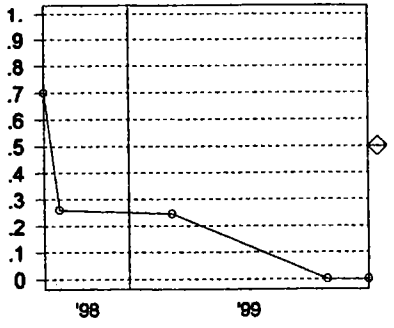
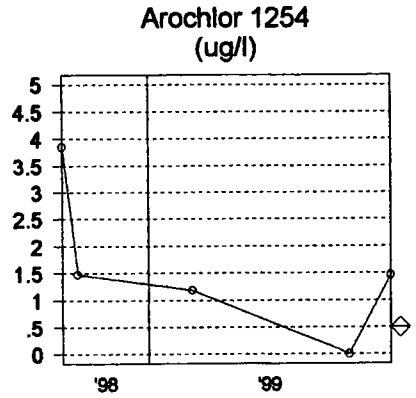
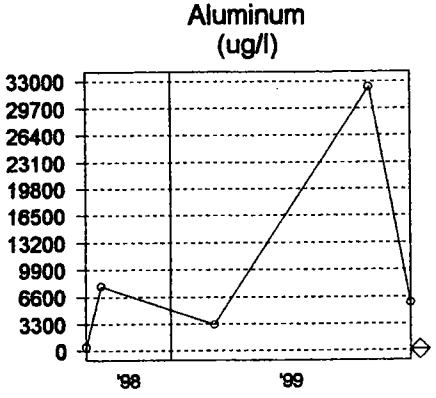
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

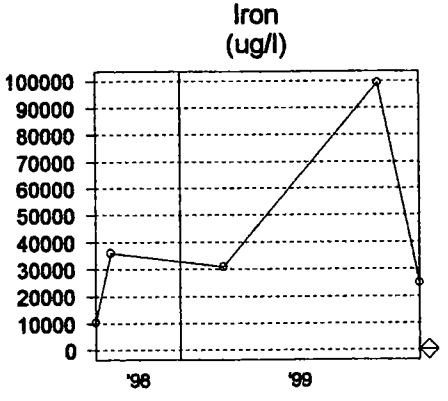


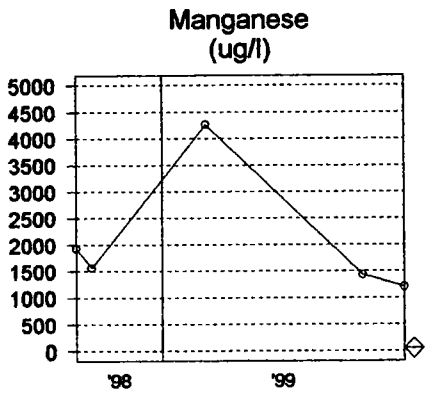


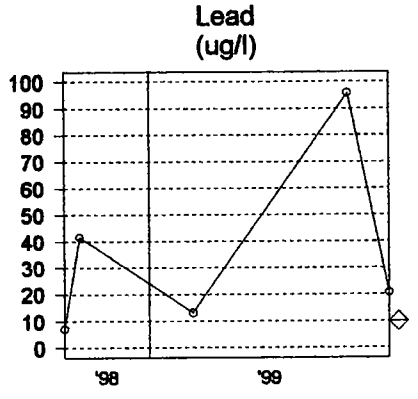


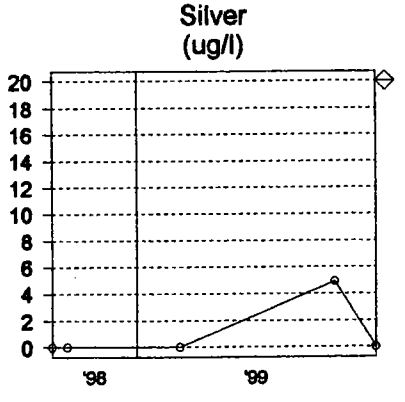












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/19/98	FMETL	87	ND	68200	5650	1.1	8290	7600	105	10.85	10.85
11/02/98	FMETL	146	0.987	56200	7540	14.2	16000	7580	565	10.85	10.85
02/03/99	FMETL	178	4.49	99300	7820	9.7	10600	10500	474	10.17	10.17
06/15/99	FMETL	279	15.2	57900	14100	46.8	31600	7280	2300	10.78	10.78
07/20/99	FMETL	104	2.93	50700	6210	10.2	10100	7300	406	10.99	10.99

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 07/20/99

NOTES:

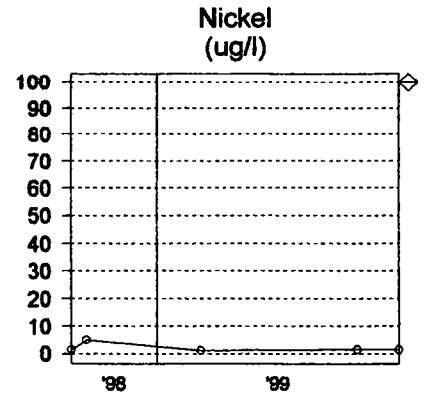
Silver in blank > GW Criteria for May 97.

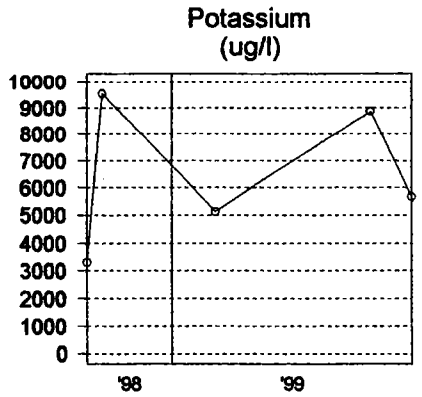
FORT MONMOUTH

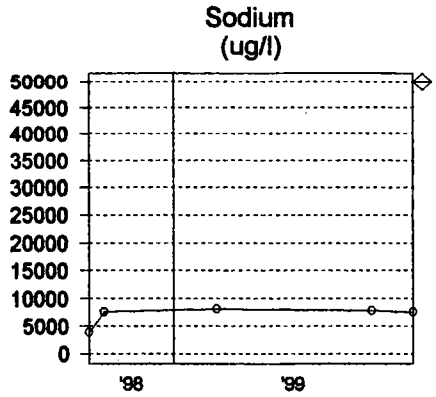
GW MONITORING
Bldg M-2

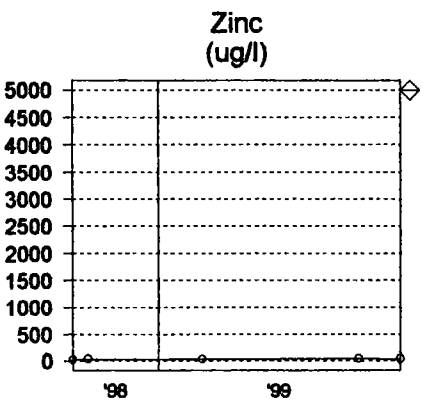
Well 9 of 10

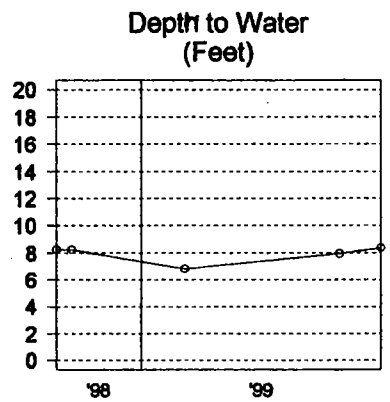
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 07/20/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

08-30-1999 x:\mtech46\fm\m-2\gw\m2.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
4844.04	00M2MW01	29-32584	10/07/99
4844.05	00M2MW02	29-32585	10/07/99
4844.06	00M2MW03	29-32586	10/07/99
4844.07	00M2MW04	29-37988	10/07/99
4844.08	00M2MW05	29-39185	10/07/99
4844.09	00M2MW06	29-39184	10/07/99
4844.10	00M2MW07	29-39183	10/07/99
4844.11	00M2MW08	29-39182	10/07/99
4844.12	00M2MW09	29-39181	10/07/99
4844.13	00M2MW10	29-39180	10/07/99

NJDEP Laboratory Certification # 13461

10-29-99

Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: M2 Wells 4th Qtr '99

Samplers Name / Company: Corey McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOTIS	TAL MTIS	BNA+25	Pest/PCB				Hnu Read	Remarks / Preservation Method
48444.01	Trip	10/7/99	0730	AQ	2	✓							—	
.02	Field Blank		0905		5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	00M2MW01		1119		5	✓	✓	✓	—				0.0	29-32584
.05	00M2MW02		1024			✓	✓	✓	✓				0.0	29-32585
.06	00M2MW03		1029			✓	✓	✓	✓				0.0	29-32586
.07	00M2MW04		1040			✓	✓	✓	✓				0.0	29-37988
.08	00M2MW05		0908			✓	✓	✓	✓				0.0	29-39185
.09	00M2MW06		0955			✓	✓	✓	✓				0.0	29-39184
.10	00M2MW07		1145			✓	✓	✓	✓				0.0	29-39183
.11	00M2MW08		1251			✓	✓	✓	✓				0.0	29-39182
.12	00M2MW09		1322			✓	✓	✓	✓				0.0	29-39181
.13	00M2MW10	↓	1414	↓	↓	✓	✓	✓	✓				0.0	29-39180

Comments: HCL / HNO_3 / 4°C

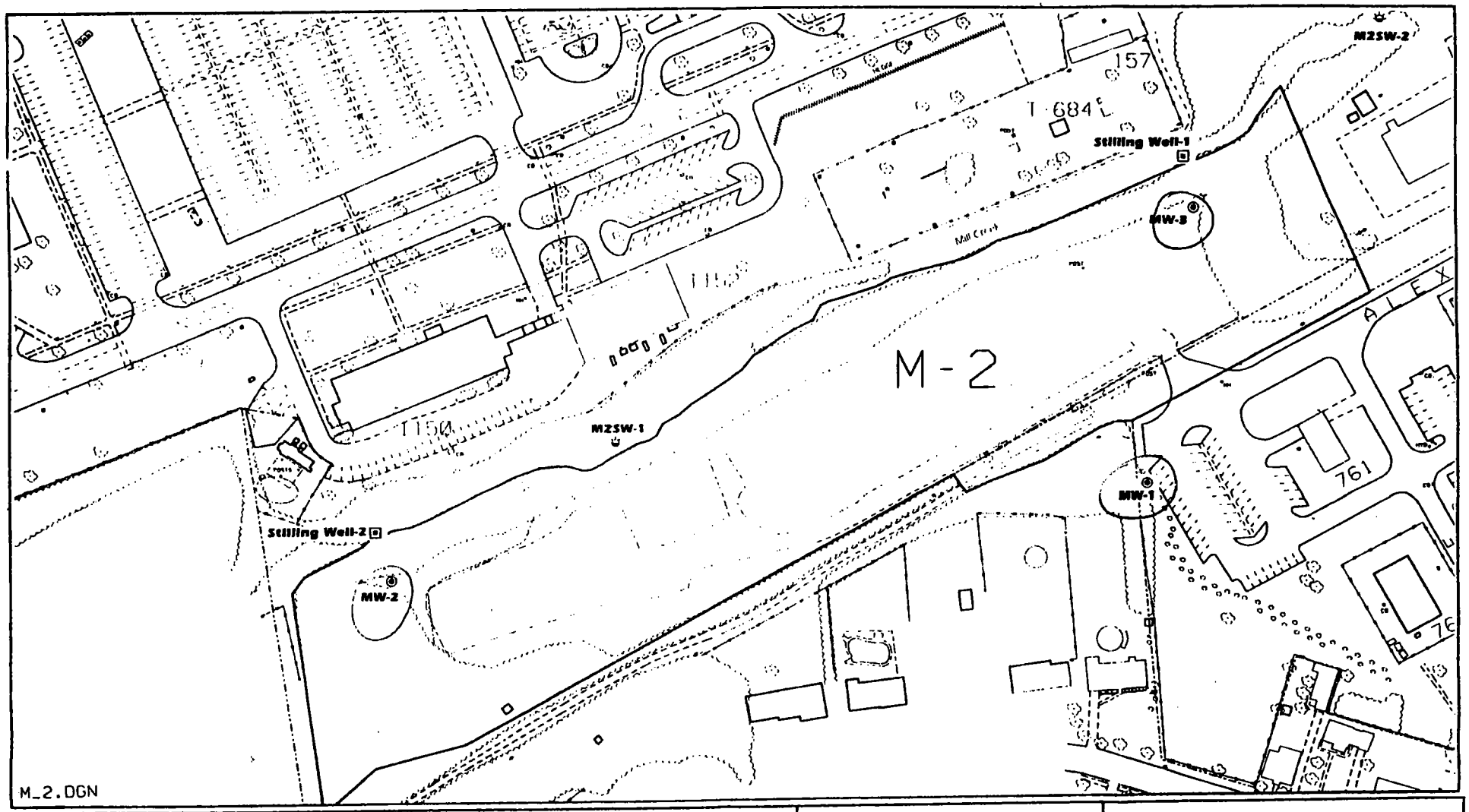
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	10/7/99 1440				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: H→O

print legibly

Coc... 10/4/99


M-2
MZSW-1
MZSW-2
MW-1
MW-2
MW-3
Stilling Well-1
Stilling Well-2
Mill Creek
157
T 684 L
T154
T155
761
M_2.DGN
LEGEND
Monitor Well
Existing Surface Water Sampling Location
Stilling Well
Road (paved)
Road/Trails (unpaved)
Fence
Building
Wooded Area
Tree/Bush
Light Pole
Utility Pole
Site
Brook/Creek
Base Boundary
Marshy Area
Approximate Boundary
0
100
200
SCALE IN FEET
Fort Monmouth, Main Post
FIGURE 4.2-3
LANDFILL 2 (M-2)
SAMPLING LOCATIONS

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound identified below detection limit
B	: Compound in both sample and blank
D	: Results from dilution of sample
U	: Compound searched for but not detected
E	: Compound exceeds calibration limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004499.D	Sample Name	Vblk138
Operator	Skelton	Field ID	Vblk138
Date Acquired	12 Oct 1999 11:06 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk138**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk138

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004499.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004500.D**	Sample Name	**4844.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**12 Oct 1999 12:01 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004500.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004501.D**	Sample Name	**4844.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**12 Oct 1999 12:40 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004501.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004503.D**	Sample Name	**4844.04**
Operator	**Skelton**	Field ID	**00M2MW01**
Date Acquired	**12 Oct 1999 1:59 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW01**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004503.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004504.D**	Sample Name	**4844.05**
Operator	**Skelton**	Field ID	**00M2MW02**
Date Acquired	**12 Oct 1999 2:38 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	9.98	80924	35.15 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	169031	1.88 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	2344098	37.17 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	91665	1.96 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW02**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004504.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB004505.D**
Operator **Skelton**
Date Acquired **12 Oct 1999 3:18 pm**

Sample Name **4844.06**
Field ID **00M2MW03**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	140870	1.59 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	696678	11.20 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	60056	1.30 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW03**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004505.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004506.D**	Sample Name	**4844.07**
Operator	**Skelton**	Field ID	**00M2MW04**
Date Acquired	**12 Oct 1999 3:57 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.84	108481	1.23 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	363879	5.96 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M2MW04

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004506.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004507.D**	Sample Name	**4844.08**
Operator	**Skelton**	Field ID	**00M2MW05**
Date Acquired	**12 Oct 1999 4:37 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW05**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004507.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004508.D**	Sample Name	**4844.09**
Operator	**Skelton**	Field ID	**00M2MW06**
Date Acquired	**12 Oct 1999 5:17 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW06**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004508.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004509.D	Sample Name	4844.10
Operator	Skelton	Field ID	00M2MW07
Date Acquired	12 Oct 1999 5:57 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW07**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004509.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004510.D**	Sample Name	**4844.11**
Operator	**Skelton**	Field ID	**00M2MW08**
Date Acquired	**12 Oct 1999 6:36 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW08**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004510.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004511.D**	Sample Name	**4844.12**
Operator	**Skelton**	Field ID	**00M2MW09**
Date Acquired	**12 Oct 1999 7:16 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	338284	3.91 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW09**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004511.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB004512.D	Sample Name	4844.13
Operator	Skelton	Field ID	00M2MW10
Date Acquired	12 Oct 1999 7:55 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW10**

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004512.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. _____ Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB004502.D**	Sample Name	**4844.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**12 Oct 1999 1:19 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: LTM

NJDEP#: 13461 Case No.: 4844 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4844.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB004502.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: not dec. Date Analyzed: 10/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03953.D**	Sample Name	**Sblk310**
Operator	**Bhaskar**	Misc Info	**Sblk310 A 991012**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BN03953.D**	Sample Name	**Sblk310**
Operator	**Bhaskar**	Misc Info	**Sblk310 A 991012**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	23.88	2021459	48.84 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Sblk310**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk310

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03953.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03969.D**	Sample Name	**4844.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03969.D**	Sample Name	**4844.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03969.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.10	20	J
2.	unknown	29.25	10	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03961.D**	Sample Name	**4844.04**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol	8.91	29202	2.18 ug/L	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN03961.D**	Sample Name	**4844.04**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW01**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03961.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.15	62	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03962.D**	Sample Name	**4844.05**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	7.87	29844	1.74 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03962.D**	Sample Name	**4844.05**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW02**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03962.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.09	51	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03963.D**	Sample Name	**4844.06**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN03963.D**	Sample Name	**4844.06**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW03**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03963.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.12	40	J
2.	unknown	29.26	21	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03970.D**	Sample Name	**4844.07**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN03970.D**	Sample Name	**4844.07**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW04**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03970.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.10	28	J
2.	unknown	29.01	15	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03964.D**	Sample Name	**4844.08**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03964.D**	Sample Name	**4844.08**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW05**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03964.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.14	55	J
2.	unknown	29.04	31	J

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U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03965.D**	Sample Name	**4844.09**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03965.D**	Sample Name	**4844.09**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW06**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03965.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	28.11	27	J
2.	unknown	29.06	40	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03971.D**	Sample Name	**4844.10**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN03971.D**	Sample Name	**4844.10**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**14-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW07**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03971.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.02	20	J
2.	unknown	29.26	12	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03966.D**	Sample Name	**4844.11**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03966.D**	Sample Name	**4844.11**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW08**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03966.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.02	18	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03967.D**	Sample Name	**4844.12**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03967.D**	Sample Name	**4844.12**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW09**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03967.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.32	4	J
2. 000105-60-2	Caprolactam	11.62	10	JN
3.	unknown	28.08	19	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03968.D**	Sample Name	**4844.13**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BN03968.D**	Sample Name	**4844.13**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **00M2MW10**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No: _____

Matrix: (soil/water) WATER Lab Sample ID: 4844.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03968.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.01	7	J
2.	unknown	29.25	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BN03960.D**	Sample Name	**4844.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
39638-32-9	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.79	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BN03960.D**	Sample Name	**4844.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**13-Oct-99**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 4844 Location: M2 SDG No:

Matrix: (soil/water) WATER Lab Sample ID: 4844.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BN03960.D

Level: (low/med) LOW Date Received: 10/7/99

% Moisture: decanted: (Y/N) N Date Extracted: 10/12/99

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/99

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	29.27	17	J
2.	unknown	29.45	8	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK419
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	**ND**
beta-BHC	1		0.20	0.0024	**ND**
gamma-BHC	1		0.20	0.0015	**ND**
delta-BHC	1		NLE	0.0019	**ND**
Heptachlor	1		0.40	0.0020	**ND**
Aldrin	1		0.04	0.0010	**ND**
Heptachlor Epoxide	1		0.20	0.0009	**ND**
Endosulfan I	1		0.40	0.0057	**ND**
4,4'-DDE	1	15.74	0.10	0.0009	**0.033**
Dieldrin	1		0.03	0.0016	**ND**
Endrin	1		2.00	0.0020	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0033	**ND**
4,4'-DDD	1		0.10	0.0022	**ND**
4,4'-DDT	1		0.10	0.0013	**ND**
Endosulfan-Sulfate	1		0.40	0.0027	**ND**
Methoxychlor	1		40.00	0.0038	**ND**
Alpha-chlordane	1		0.50	0.0011	**ND**
Gamma-chlordane	1		0.50	0.0009	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um

Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4844.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	10/7/99
	Bldg. 173	**Extraction Date:**	10/8/99
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/99
Analysis:	EPA Method 608	**Location :**	M2 Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844
Sample Prepared: 10/13/99

Site: M-2

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	96.5	200	10.0
Antimony	10/13/99	2.93	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	ND	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	ND	4	0.5
Calcium	10/13/99	233	NLE	20.0
Chromium	10/13/99	3.83	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	136	1000	3.0
Iron	10/13/99	67.3	300	10.0
Lead	10/13/99	ND	10	2.0
Magnesium	10/13/99	123	NLE	20.0
Manganese	10/13/99	ND	50	0.5
Mercury	10/13/99	ND	2	0.1
Nickel	10/13/99	6.55	100	0.5
Potassium	10/13/99	164	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	215	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	ND	NLE	1.0
Zinc	10/13/99	26.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.02
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	ND	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	0.840	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	ND	4	0.5
Calcium	10/13/99	181	NLE	20.0
Chromium	10/13/99	1.91	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	8.73	1000	3.0
Iron	10/13/99	27.9	300	10.0
Lead	10/13/99	ND	10	2.0
Magnesium	10/13/99	ND	NLE	20.0
Manganese	10/13/99	ND	50	0.5
Mercury	10/13/99	ND	2	0.1
Nickel	10/13/99	2.76	100	0.5
Potassium	10/13/99	ND	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	61.5	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	ND	NLE	1.0
Zinc	10/13/99	10.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.04
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	393	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	50.4	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.53	4	0.5
Calcium	10/13/99	11400	NLE	20.0
Chromium	10/13/99	3.24	100	0.5
Cobalt	10/13/99	5.26	NLE	0.5
Copper	10/13/99	8.99	1000	3.0
Iron	10/13/99	3170	300	10.0
Lead	10/13/99	4.10	10	2.0
Magnesium	10/13/99	3890	NLE	20.0
Manganese	10/13/99	83.5	50	0.5
Mercury	10/13/99	0.2	2	0.1
Nickel	10/13/99	20.0	100	0.5
Potassium	10/13/99	6200	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	11400	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	ND	NLE	1.0
Zinc	10/13/99	836	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.05
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	ND	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	214	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.66	4	0.5
Calcium	10/13/99	75500	NLE	20.0
Chromium	10/13/99	3.22	100	0.5
Cobalt	10/13/99	0.630	NLE	0.5
Copper	10/13/99	4.82	1000	3.0
Iron	10/13/99	31400	300	10.0
Lead	10/13/99	ND	10	2.0
Magnesium	10/13/99	6800	NLE	20.0
Manganese	10/13/99	249	50	0.5
Mercury	10/13/99	0.3	2	0.1
Nickel	10/13/99	2.42	100	0.5
Potassium	10/13/99	11000	NLE	20.0
Selenium	10/13/99	4.95	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	9500	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	1.23	NLE	1.0
Zinc	10/13/99	14.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.06
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	12.4	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	116	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.08	4	0.5
Calcium	10/13/99	79400	NLE	20.0
Chromium	10/13/99	4.37	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	10.3	1000	3.0
Iron	10/13/99	13000	300	10.0
Lead	10/13/99	ND	10	2.0
Magnesium	10/13/99	7160	NLE	20.0
Manganese	10/13/99	475	50	0.5
Mercury	10/13/99	0.2	2	0.1
Nickel	10/13/99	3.41	100	0.5
Potassium	10/13/99	14100	NLE	20.0
Selenium	10/13/99	5.57	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	13500	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	2.18	NLE	1.0
Zinc	10/13/99	31.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.07
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	73.6	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	227	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.87	4	0.5
Calcium	10/13/99	52200	NLE	20.0
Chromium	10/13/99	5.86	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	47.9	1000	3.0
Iron	10/13/99	43000	300	10.0
Lead	10/13/99	2.97	10	2.0
Magnesium	10/13/99	6160	NLE	20.0
Manganese	10/13/99	1160	50	0.5
Mercury	10/13/99	0.2	2	0.1
Nickel	10/13/99	4.21	100	0.5
Potassium	10/13/99	8250	NLE	20.0
Selenium	10/13/99	3.94	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	8710	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	1.47	NLE	1.0
Zinc	10/13/99	41.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.08
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	1590	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	115	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	2.10	4	0.5
Calcium	10/13/99	15000	NLE	20.0
Chromium	10/13/99	18.9	100	0.5
Cobalt	10/13/99	1.23	NLE	0.5
Copper	10/13/99	10.7	1000	3.0
Iron	10/13/99	28300	300	10.0
Lead	10/13/99	4.59	10	2.0
Magnesium	10/13/99	2760	NLE	20.0
Manganese	10/13/99	36.5	50	0.5
Mercury	10/13/99	0.3	2	0.1
Nickel	10/13/99	5.44	100	0.5
Potassium	10/13/99	6510	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	4970	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	9.33	NLE	1.0
Zinc	10/13/99	31.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.09
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	616	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	90.3	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	2.17	4	0.5
Calcium	10/13/99	40800	NLE	20.0
Chromium	10/13/99	7.44	100	0.5
Cobalt	10/13/99	0.579	NLE	0.5
Copper	10/13/99	10.9	1000	3.0
Iron	10/13/99	26100	300	10.0
Lead	10/13/99	6.95	10	2.0
Magnesium	10/13/99	4810	NLE	20.0
Manganese	10/13/99	52.4	50	0.5
Mercury	10/13/99	0.3	2	0.1
Nickel	10/13/99	3.32	100	0.5
Potassium	10/13/99	6430	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	6990	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	3.53	NLE	1.0
Zinc	10/13/99	47.0	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.10
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	1680	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	119	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.67	4	0.5
Calcium	10/13/99	52600	NLE	20.0
Chromium	10/13/99	9.55	100	0.5
Cobalt	10/13/99	0.991	NLE	0.5
Copper	10/13/99	8.27	1000	3.0
Iron	10/13/99	35100	300	10.0
Lead	10/13/99	4.53	10	2.0
Magnesium	10/13/99	5900	NLE	20.0
Manganese	10/13/99	81.7	50	0.5
Mercury	10/13/99	0.4	2	0.1
Nickel	10/13/99	4.09	100	0.5
Potassium	10/13/99	6050	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	18700	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	5.70	NLE	1.0
Zinc	10/13/99	74.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.11
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	935	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	98.5	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.46	4	0.5
Calcium	10/13/99	41500	NLE	20.0
Chromium	10/13/99	8.57	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	3.64	1000	3.0
Iron	10/13/99	32500	300	10.0
Lead	10/13/99	6.65	10	2.0
Magnesium	10/13/99	5090	NLE	20.0
Manganese	10/13/99	55.5	50	0.5
Mercury	10/13/99	0.3	2	0.1
Nickel	10/13/99	4.70	100	0.5
Potassium	10/13/99	7760	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	8040	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	3.44	NLE	1.0
Zinc	10/13/99	32.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.12
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	5000	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	5.86	8	2.0
Barium	10/13/99	131	2000	0.5
Beryllium	10/13/99	1.16	20	0.5
Cadmium	10/13/99	5.64	4	0.5
Calcium	10/13/99	53600	NLE	20.0
Chromium	10/13/99	62.2	100	0.5
Cobalt	10/13/99	4.99	NLE	0.5
Copper	10/13/99	39.3	1000	3.0
Iron	10/13/99	27500	300	10.0
Lead	10/13/99	29.3	10	2.0
Magnesium	10/13/99	5590	NLE	20.0
Manganese	10/13/99	1460	50	0.5
Mercury	10/13/99	1.2	2	0.1
Nickel	10/13/99	16.7	100	0.5
Potassium	10/13/99	8730	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	7230	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	26.8	NLE	1.0
Zinc	10/13/99	679	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.13
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	98.4	200	10.0
Antimony	10/13/99	2.41	20	2.0
Arsenic	10/13/99	ND	8	2.0
Barium	10/13/99	65.9	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.10	4	0.5
Calcium	10/13/99	44000	NLE	20.0
Chromium	10/13/99	2.32	100	0.5
Cobalt	10/13/99	ND	NLE	0.5
Copper	10/13/99	4.47	1000	3.0
Iron	10/13/99	6390	300	10.0
Lead	10/13/99	ND	10	2.0
Magnesium	10/13/99	2960	NLE	20.0
Manganese	10/13/99	37.7	50	0.5
Mercury	10/13/99	0.3	2	0.1
Nickel	10/13/99	2.16	100	0.5
Potassium	10/13/99	5350	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	7310	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	1.25	NLE	1.0
Zinc	10/13/99	18.2	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4844.03
Sample Received: 10/07/99
Sample Matrix: Aqueous

Site: M-2

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	10/13/99	2070	200	10.0
Antimony	10/13/99	ND	20	2.0
Arsenic	10/13/99	2.88	8	2.0
Barium	10/13/99	155	2000	0.5
Beryllium	10/13/99	ND	20	0.5
Cadmium	10/13/99	1.34	4	0.5
Calcium	10/13/99	15100	NLE	20.0
Chromium	10/13/99	25.2	100	0.5
Cobalt	10/13/99	1.47	NLE	0.5
Copper	10/13/99	9.94	1000	3.0
Iron	10/13/99	35800	300	10.0
Lead	10/13/99	8.72	10	2.0
Magnesium	10/13/99	2930	NLE	20.0
Manganese	10/13/99	37.4	50	0.5
Mercury	10/13/99	0.2	2	0.1
Nickel	10/13/99	5.92	100	0.5
Potassium	10/13/99	7020	NLE	20.0
Selenium	10/13/99	ND	50	3.0
Silver	10/13/99	ND	20	3.0
Sodium	10/13/99	5020	50000	20.0
Thallium	10/13/99	ND	10	3.0
Vanadium	10/13/99	12.6	NLE	1.0
Zinc	10/13/99	31.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Aluminum	Iron	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	20	2000	4	NLE	NLE	-
05/02/97	FMETL	360	100	150	ND	17	-	-	-	-	V,S,P,M
08/06/97	FMETL	236.3	400	128	ND	ND	-	-	-	-	V,S,P,M
10/23/97	FMETL	344	488	78	11	ND	63.8	1.6	12680	4670	V,S,P,M
02/11/98	FMETL	578	500	120	ND	ND	53.3	3.5	15460	3710	V,S,P,M
04/23/98	FMETL	239	233	73.1	ND	ND	57.2	2.5	10090	1739	V,S,P,M
07/22/98	FMETL	2480	7790	83.6	ND	ND	83.1	2.5	12600	4100	V,S,P,M
11/06/98	FMETL	402	1480	84.1	6.95	ND	67.6	6.23	12200	4330	V,S,P,M
02/03/99	FMETL	ND	1390	133	ND	ND	76.6	3.27	18100	4510	V,S,P,M
06/15/99	FMETL	561	698	84.3	ND	ND	45.5	1.56	13400	4230	V,S,P,M
07/20/99	FMETL	762	2420	94.4	ND	ND	56.6	1.94	12900	3780	V,S,P,M
10/07/99	FMETL	393	3170	83.5	4.10	ND	50.4	1.53	11400	3890	V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.

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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10

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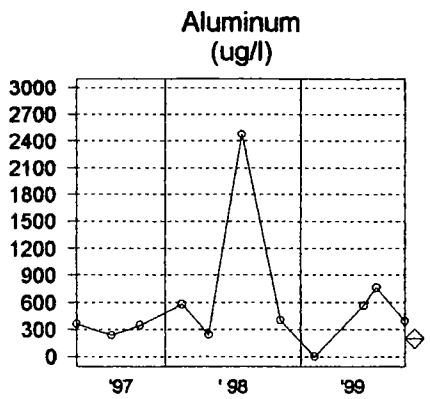
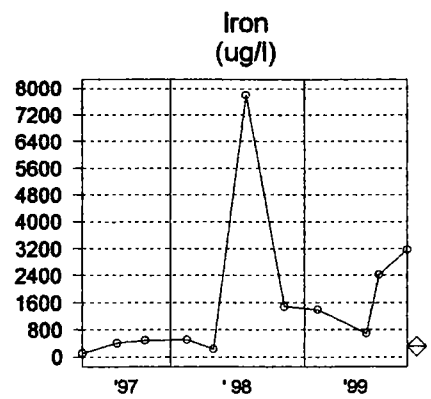
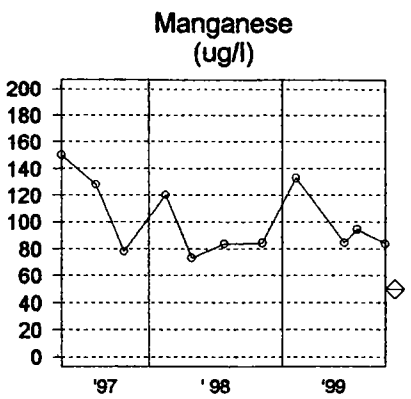
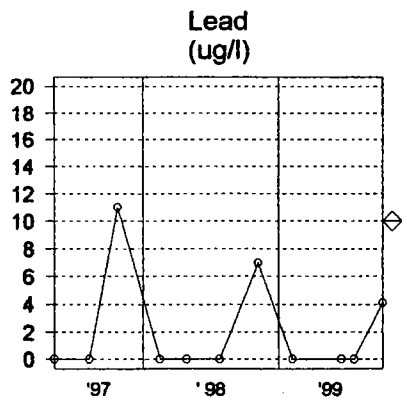
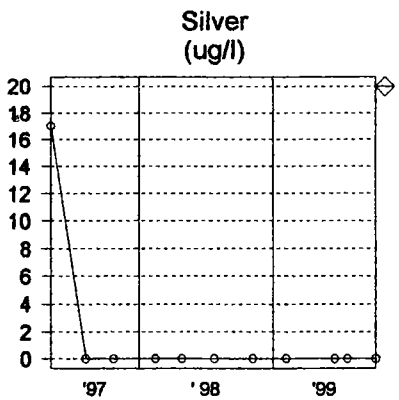
SELFM-PW-EV

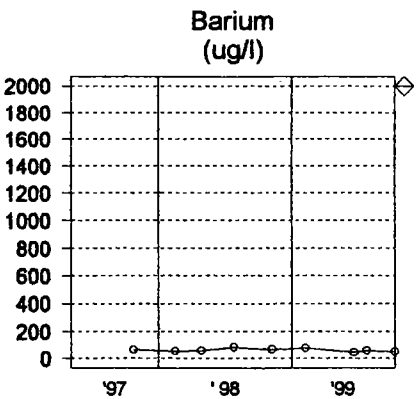


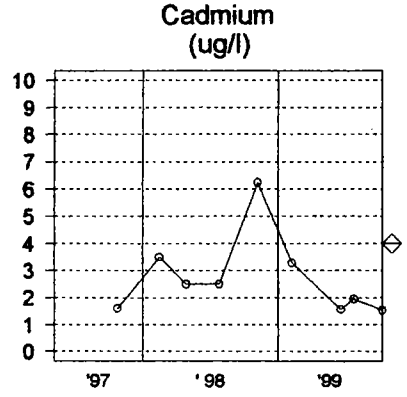


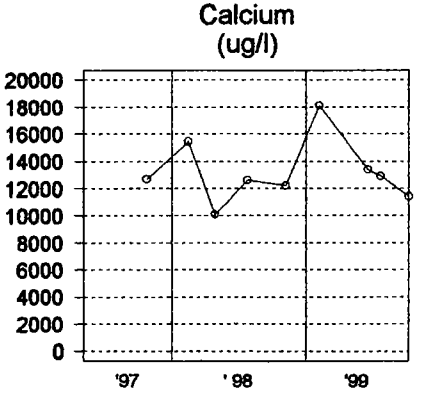


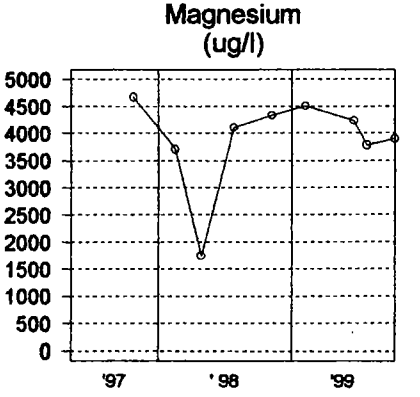












SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg M-2

Well 1 of 10, Graph

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10-26-1999 x:\mtech48\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
05/02/97	FMETL	-	-	-	-	5.60					V,S,P,M
08/06/97	FMETL	-	-	-	-	8.15					V,S,P,M
10/23/97	FMETL	16.9	5020	9040	646	9.30					V,S,P,M
02/11/98	FMETL	17.9	5520	9290	1917	5.15					V,S,P,M
04/23/98	FMETL	9.7	5217	6370	785	4.61					V,S,P,M
07/22/98	FMETL	16.2	8610	10500	640	7.12					V,S,P,M
11/06/98	FMETL	20.9	5490	11000	1410	9.55					V,S,P,M
02/03/99	FMETL	23.1	6280	15500	2150	7.02					V,S,P,M
06/15/99	FMETL	19.4	5980	12800	941	7.64					V,S,P,M
07/20/99	FMETL	19.1	5820	12800	1310	8.53					V,S,P,M
10/07/99	FMETL	20.0	6200	11400	836	7.97					V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.

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FORT MONMOUTH

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Well 1 of 10

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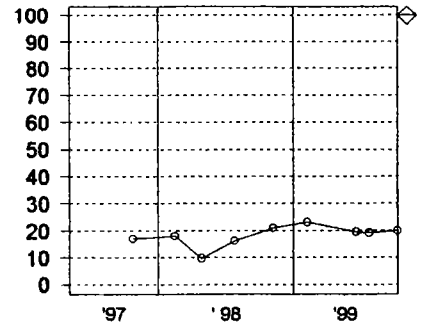

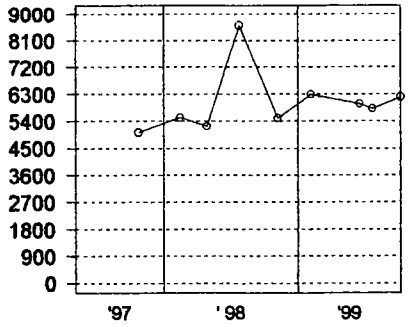

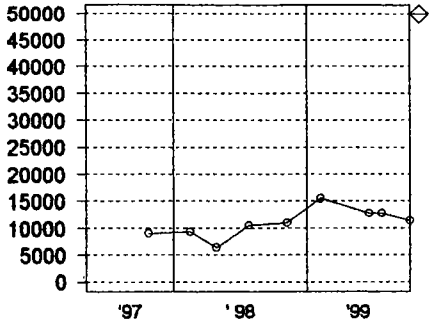

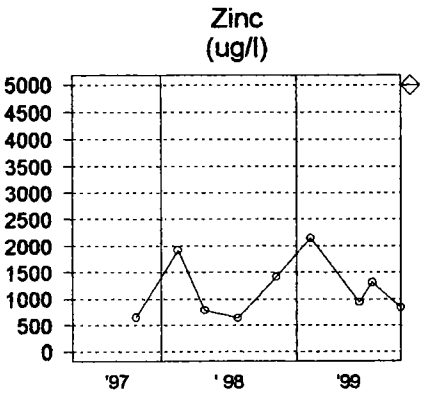

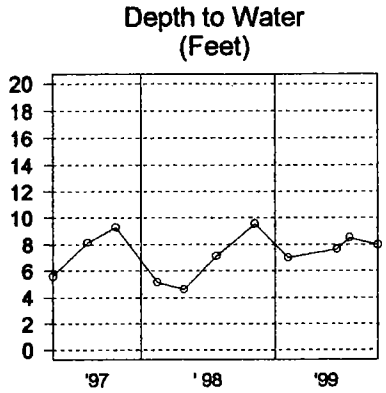

SOURCE: 00M2MW01

Sampling Dates:
05/02/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg M-2

Well 1 of 10, Graph

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FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	bis(2-ethyl hexyl phthalate	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	30	75	200	300	50	10	20	-
05/08/97	FMETL	ND	18	ND	ND	49	35000	260	ND	41	V,S,P,M
08/06/97	FMETL	1.36	18.56	ND	ND	51.7	82680	474	ND	ND	V,S,P,M
10/23/97	FMETL	ND	10.9	ND	ND	107	16200	145	7.0	ND	V,S,P,M
02/11/98	FMETL	ND	7.39	17.0	ND	129	22500	157	ND	ND	V,S,P,M
04/23/98	FMETL	3.12	24.07	ND	ND	108	76160	282	ND	ND	V,S,P,M
07/22/98	FMETL	6.44	36.51	ND	4.02	44.7	26800	290	ND	ND	V,S,P,M
11/06/98	FMETL	2.73	44	ND	3.01	48.2	33700	262	ND	ND	V,S,P,M
02/03/99	FMETL	5.84	37.3	ND	2.27	ND	50800	456	ND	ND	V,S,P,M
06/15/99	FMETL	4.70	22.3	ND	2.78	ND	17000	254	ND	ND	V,S,P,M
07/20/99	FMETL	4.39	23.13	ND	3.46	29.4	13200	196	3.61	ND	V,S,P,M
10/07/99	FMETL	1.88	37.17	ND	1.96	ND	31400	249	ND	ND	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 10/07/99

NOTES:

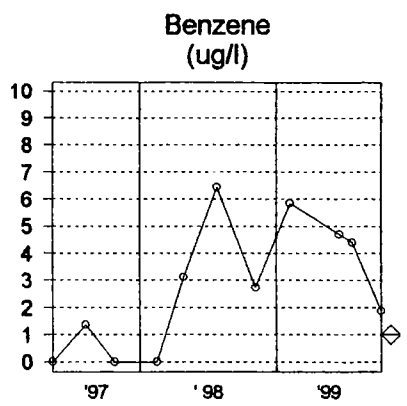
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

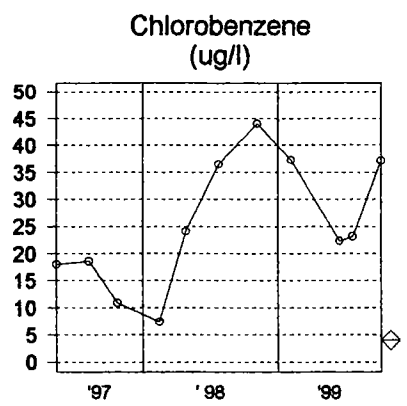
FORT MONMOUTH

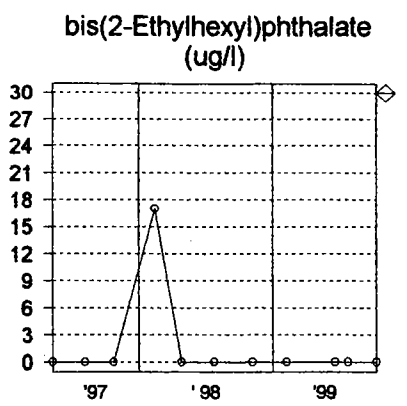
GW MONITORING
Bldg M-2

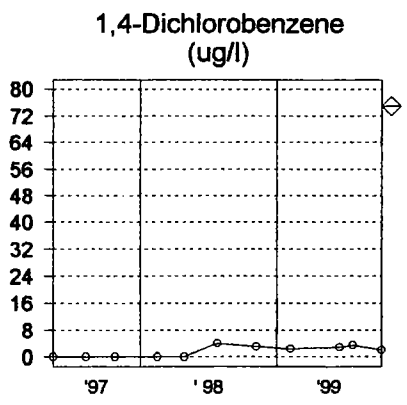
Well 2 of 10

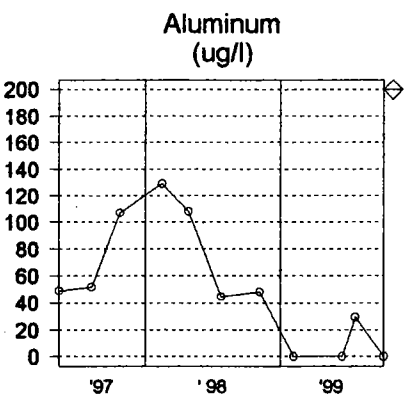
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

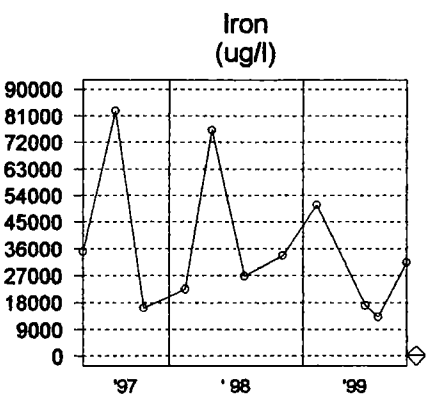


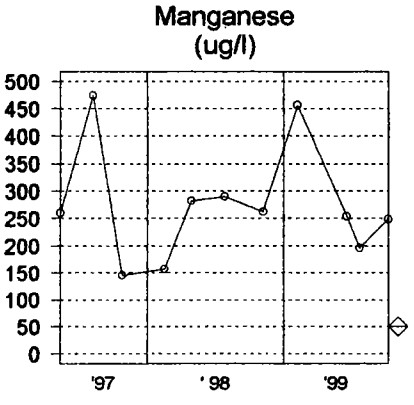


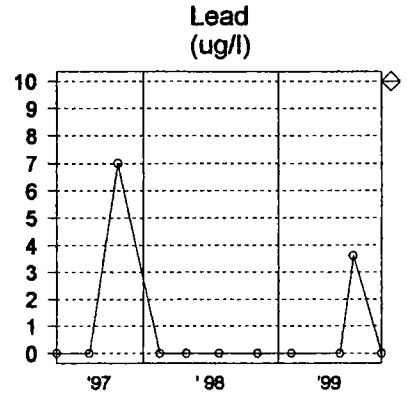


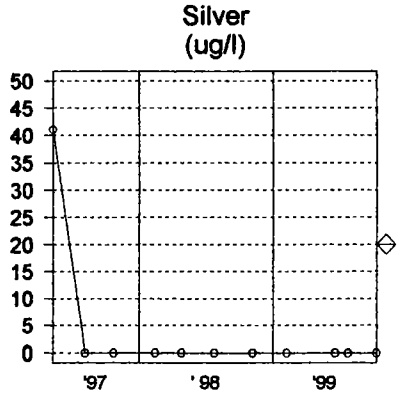












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech48\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
05/08/97	FMETL	-	-	-	-	-	-	-	-	10.2	V,S,P,M
08/06/97	FMETL	-	-	-	-	-	-	-	-	10.60	V,S,P,M
10/23/97	FMETL	120	ND	62570	5470	1.8	6930	7820	63	10.90	V,S,P,M
02/11/98	FMETL	171	ND	66770	5930	3.9	ND	7130	38	9.80	V,S,P,M
04/23/98	FMETL	354	1.1	75020	7788	2.1	24570	11880	7.6	9.84	V,S,P,M
07/22/98	FMETL	264	ND	88600	8540	2.06	42900	12600	32.4	10.64	V,S,P,M
11/06/98	FMETL	229	0.913	68300	6650	2.47	10300	9910	5.83	10.73	V,S,P,M
02/03/99	FMETL	273	ND	81300	9400	2.25	22200	17700	22.9	10.02	V,S,P,M
06/15/99	FMETL	258	0.968	101000	9140	ND	29000	15500	ND	10.67	V,S,P,M
07/20/99	FMETL	226	0.737	80600	7260	2.27	22900	13600	28.4	10.77	V,S,P,M
10/07/99	FMETL	214	1.66	75500	6800	2.42	11000	9500	14.1	10.64	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 10/07/99

NOTES:

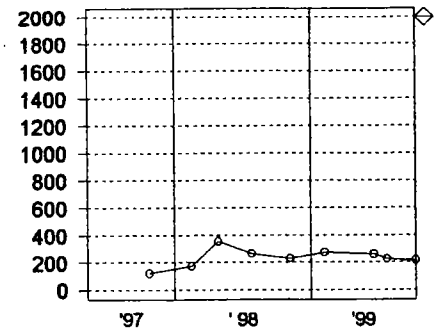
Silver in blank > GW Criteria for May 97.

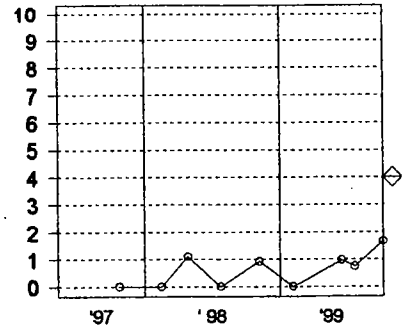
FORT MONMOUTH

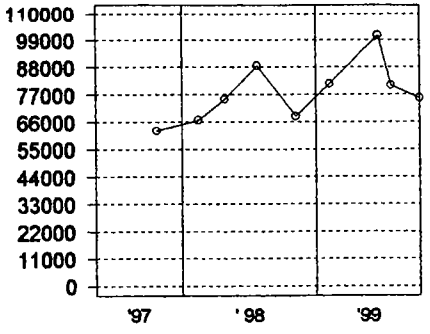
GW MONITORING
Bldg M-2

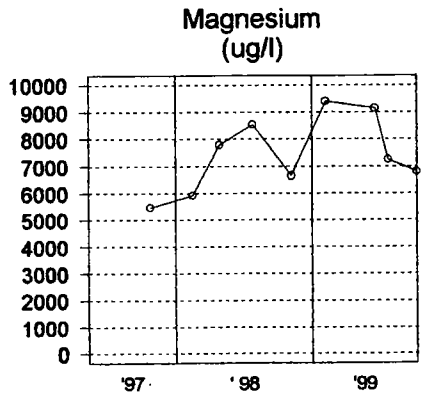
Well 2 of 10

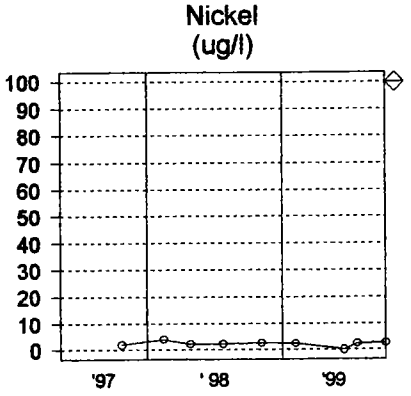
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

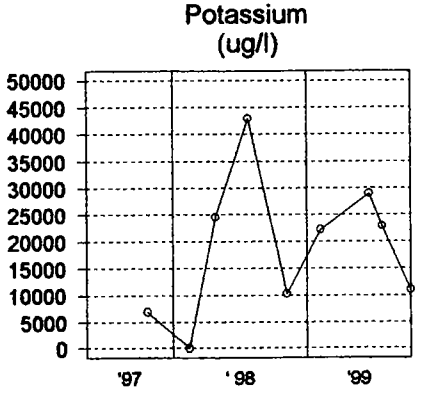


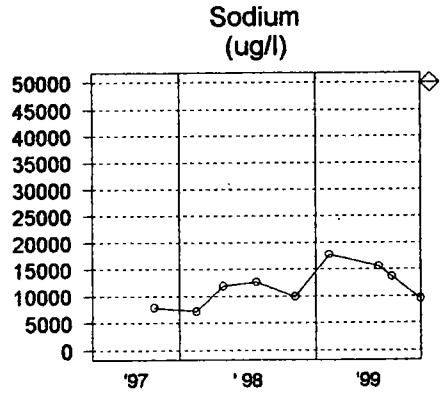


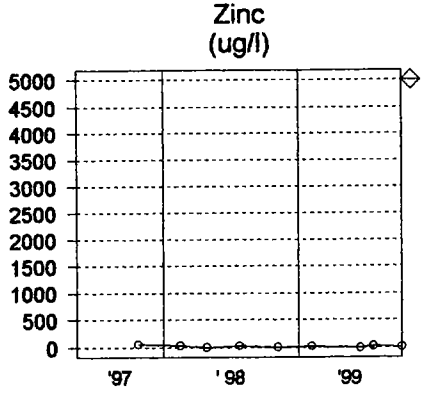


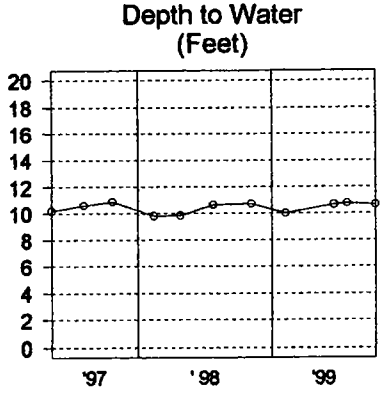












SOURCE: 00M2MW02

Sampling Dates:
05/08/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	NLE	75	200	300	50	10	20	-
05/02/97	FMETL	ND	4.69	ND	ND	62	12200	500	ND	36	V,S,P,M
08/06/97	FMETL	ND	1.49	ND	ND	26	9300	511	ND	917	V,S,P,M
10/23/97	FMETL	1.31	17.7	ND	ND	145	10010	427	13	ND	V,S,P,M
02/11/98	FMETL	3.78	78.8	1.76	ND	256	39970	513	ND	ND	V,S,P,M
04/23/98	FMETL	4.26	107.81	3.12	ND	58	69260	516	2.8	ND	V,S,P,M
07/22/98	FMETL	ND	10.51	ND	ND	28.5	14500	395	ND	ND	V,S,P,M
11/06/98	FMETL	1.78	11.9	ND	2.38	66.3	13700	586	2.83	ND	V,S,P,M
02/03/99	FMETL	ND	7.14	ND	ND	531	16500	407	5.02	ND	V,S,P,M
06/15/99	FMETL	ND	4.29	ND	ND	25	13500	412	ND	ND	V,S,P,M
07/20/99	FMETL	ND	3.68	ND	ND	18.6	16600	464	5.31	ND	V,S,P,M
10/07/99	FMETL	1.59	11.20	ND	1.30	12.4	13000	475	ND	ND1	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 1 of 2.

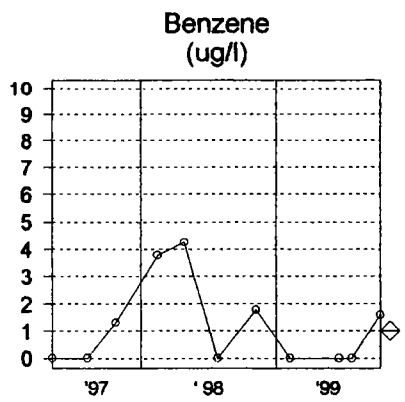
FORT MONMOUTH

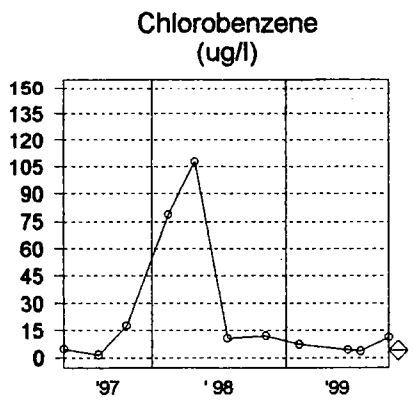
GW MONITORING
Bldg M-2

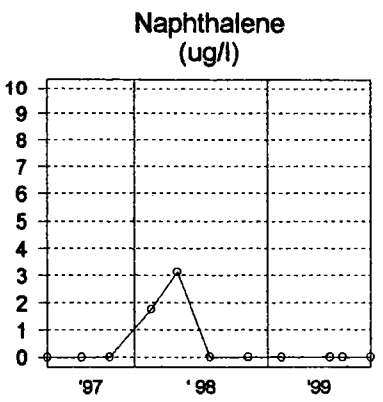
Well 3 of 10

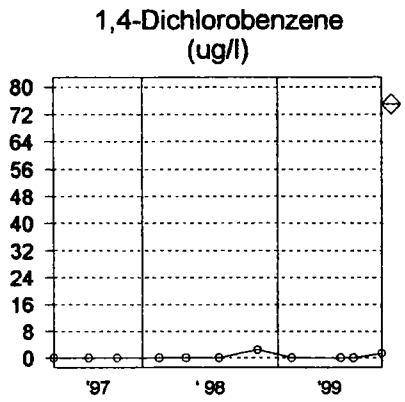
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

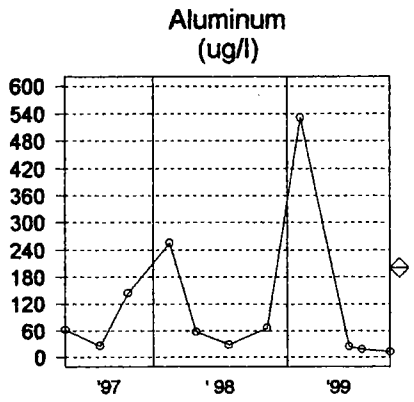
10-26-1999 x:\mtech46\fm\m-2\gw\m2

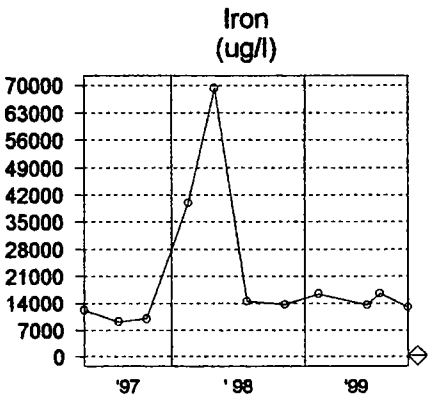


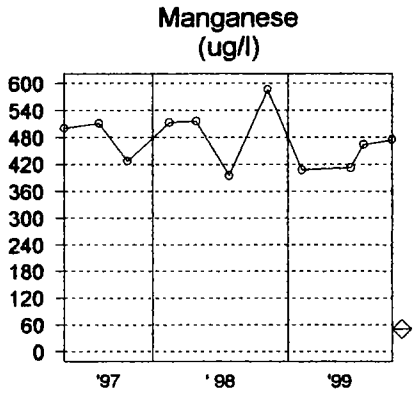


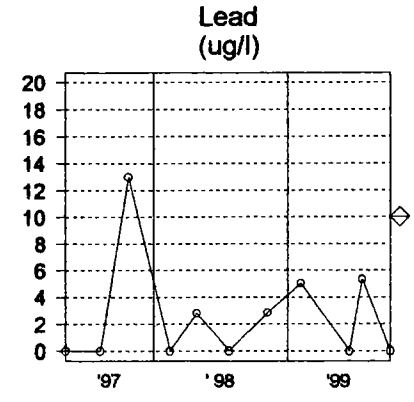


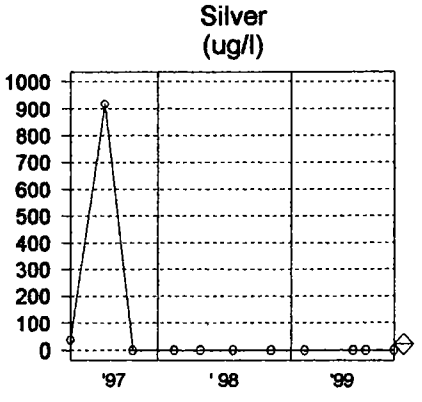












SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	-		-
05/02/97	FMETL	-	-	-	-	-	-	-	7.80		V,S,P,M
08/06/97	FMETL	-	-	-	-	-	-	-	8.20		V,S,P,M
10/23/97	FMETL	47.4	ND	64240	4780	1.7	9120	10300	8.60		V,S,P,M
02/11/98	FMETL	317	ND	154300	11200	6	18580	18180	7.40		V,S,P,M
04/23/98	FMETL	566	ND	145200	9303	ND	17930	11200	7.83		V,S,P,M
07/22/98	FMETL	86.4	ND	72700	5010	0.566	11900	11600	6.67		V,S,P,M
11/06/98	FMETL	114	ND	111000	12000	2.88	22100	28600	8.39		V,S,P,M
02/03/99	FMETL	141	2.83	86500	8750	50.9	13900	15800	7.28		V,S,P,M
06/15/99	FMETL	84.5	0.845	69300	5800	ND	11400	10200	8.71		V,S,P,M
07/20/99	FMETL	88.1	0.928	66300	5250	1.2	9980	9860	8.61		V,S,P,M
10/07/99	FMETL	116	1.08	79400	7160	3.41	14100	13500	8.41		V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 10/07/99

NOTES:

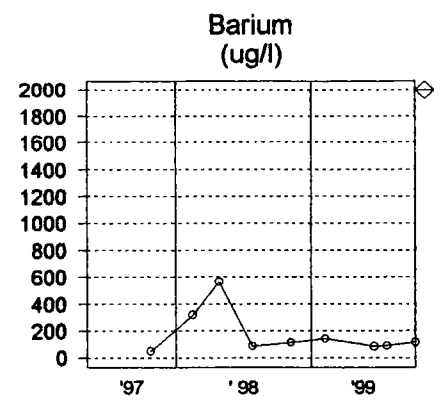
Silver in blank > GW Criteria for May 97.

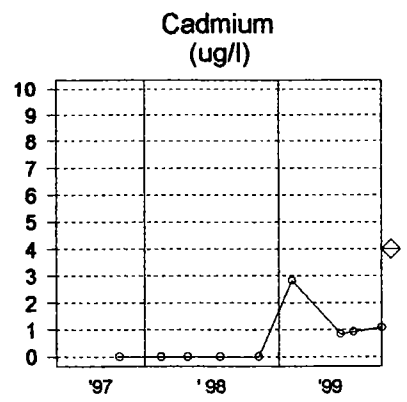
FORT MONMOUTH

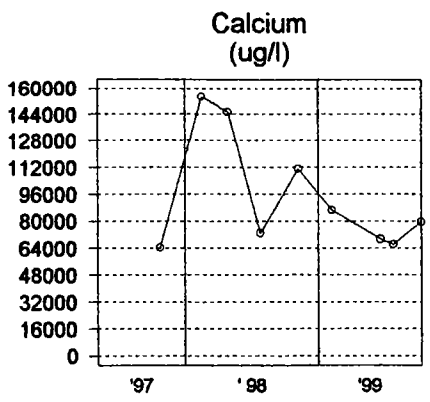
GW MONITORING
Bldg M-2

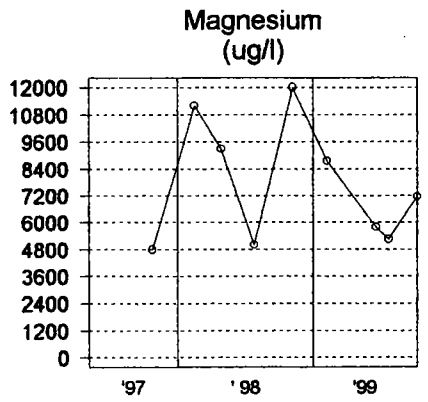
Well 3 of 10

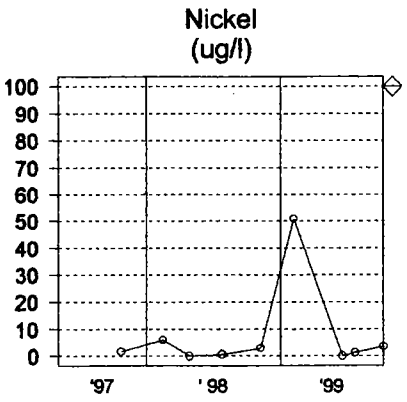
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

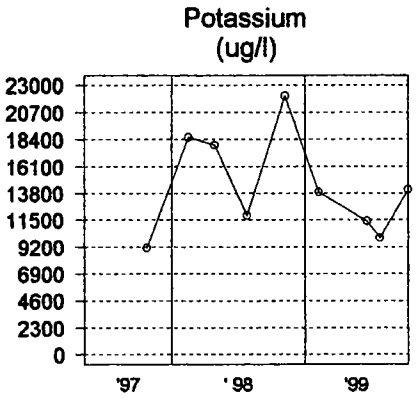


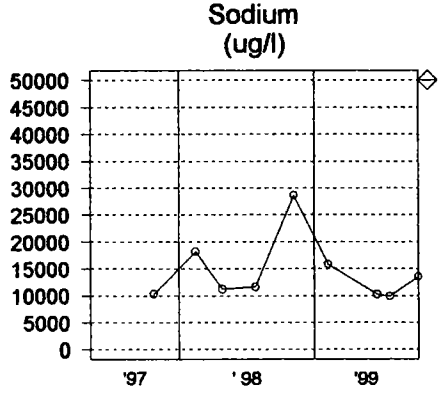


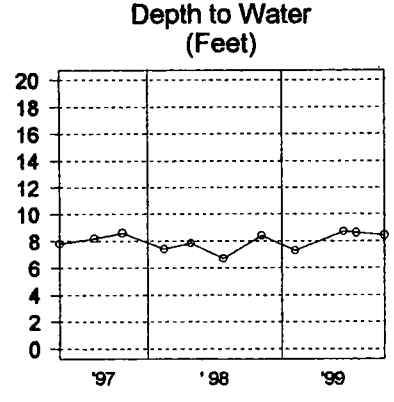












SOURCE: 00M2MW03

Sampling Dates:
05/02/97 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 3 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	200	300	50	10	2000	4	NLE	-
02/11/98	FMETL	ND	2.41	514	30140	534	ND	177	ND	5350	V,S,P,M
04/27/98	FMETL	ND	ND	ND	17800	757	ND	111	ND	33070	V,S,P,M
07/22/98	FMETL	ND	1.29	302	26300	3780	ND	131	ND	33700	V,S,P,M
11/06/98	FMETL	ND	ND	209	23900	180	3.27	132	1.47	36300	V,S,P,M
02/03/99	FMETL	ND	ND	20.3	33300	2010	ND	132	1.38	45600	V,S,P,M
06/15/99	FMETL	ND	ND	57.6	31300	311	ND	155	0.873	34000	V,S,P,M
07/20/99	FMETL	ND	2.75	52.3	32600	670	16.1	180	2.32	40200	V,S,P,M
10/07/99	FMETL	1.23	5.96	73.6	43000	1160	2.97	227	1.87	52200	V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 10/07/99

NOTES:

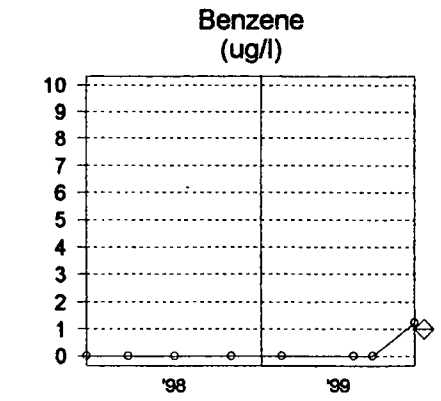
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

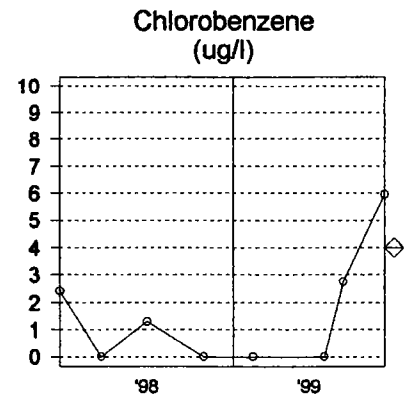
FORT MONMOUTH

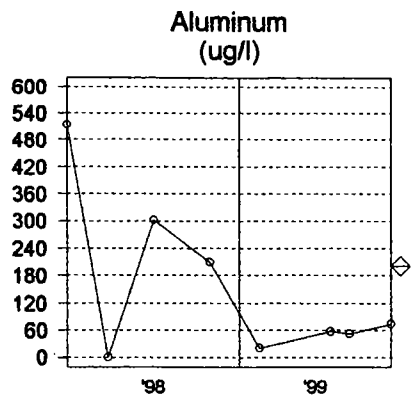
GW MONITORING
Bldg M-2

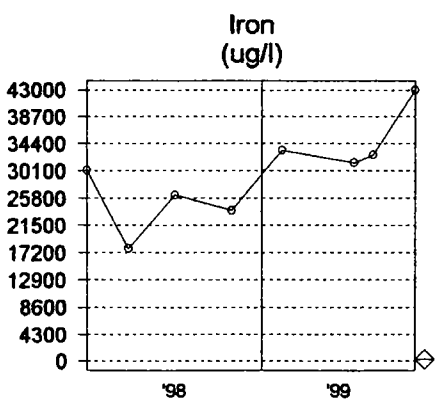
Well 4 of 10

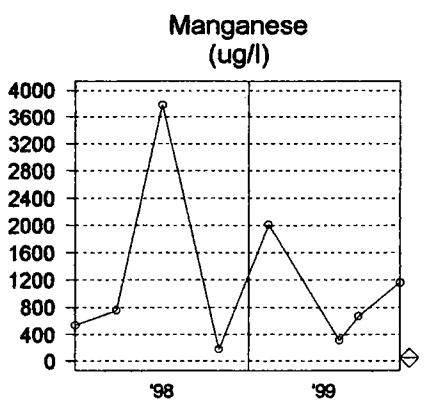
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

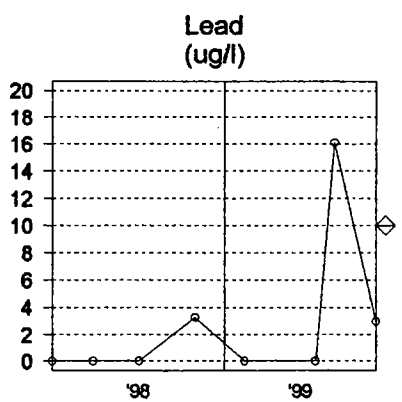


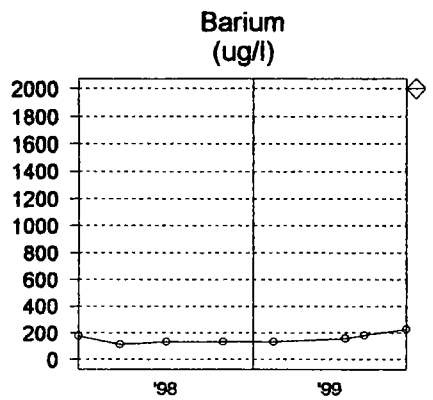


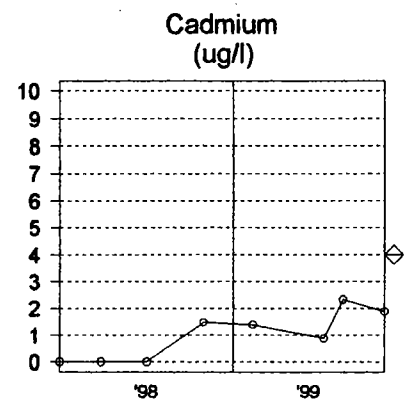


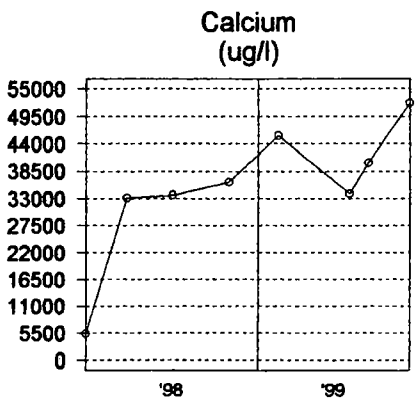












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
02/11/98	FMETL	6840	4.5	7700	7540	39	8.80				V,S,P,M
04/27/98	FMETL	5041	3.5	7929	8592	38.9	8.49				V,S,P,M
07/22/98	FMETL	3780	1.81	7670	8500	41.6	9.42				V,S,P,M
11/06/98	FMETL	5230	4.16	7470	8050	51.3	10.33				V,S,P,M
02/03/99	FMETL	4220	4.41	7140	9840	68.4	8.96				V,S,P,M
06/15/99	FMETL	3770	ND	6950	8040	18.8	9.62				V,S,P,M
07/20/99	FMETL	4790	7.86	7270	8330	114	9.91				V,S,P,M
10/07/99	FMETL	6160	4.21	8250	8710	41.2	9.72				V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 10/07/99

NOTES:

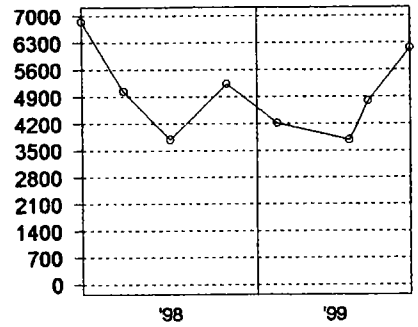
Silver in blank > GW Criteria for May 97.

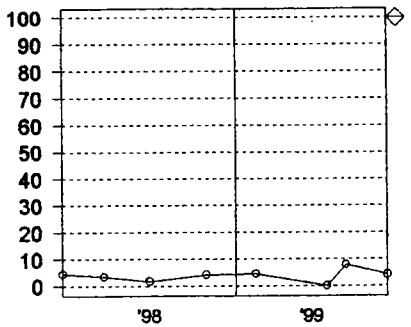
FORT MONMOUTH

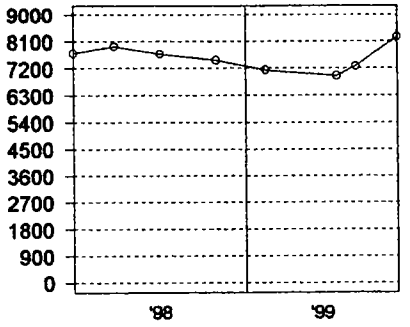
GW MONITORING
Bldg M-2

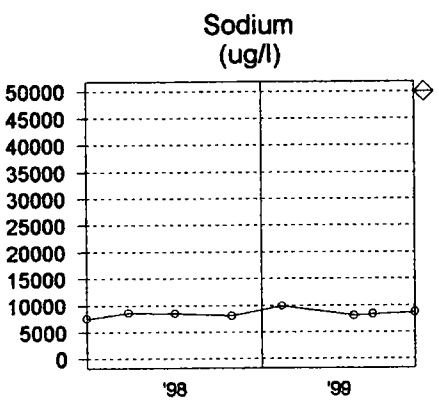
Well 4 of 10

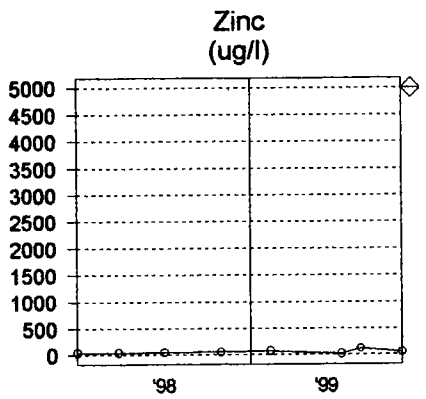
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

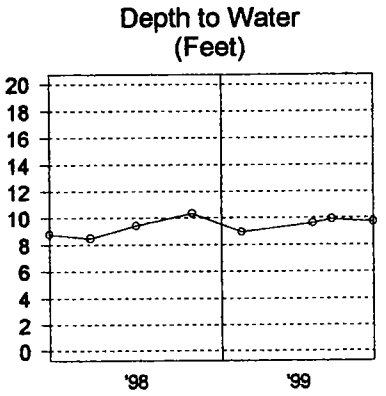












SOURCE: 00M2MW04

Sampling Dates:
02/11/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

◇ NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\vmtech46\fm\m-2\gw\m2.wsf

	Lab	bis(2-ethyl hexyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	30	200	300	50	10	2000	4	NLE	NLE	-
10/19/98	FMETL	ND	1080	15800	34.2	4.09	35.8	ND	14300	2660	V,S,P,M
11/02/98	FMETL	ND	4860	29900	45.5	15.3	65.4	ND	15200	4270	V,S,P,M
02/03/99	FMETL	40.9	633	35300	48.2	4.62	171	2.05	13800	1970	V,S,P,M
06/15/99	FMETL	ND	2040	72000	41.5	7.58	419	1.88	16100	2780	V,S,P,M
07/20/99	FMETL	ND	1360	45800	38.1	4.71	243	1.81	14900	2570	V,S,P,M
10/07/99	FMETL	ND	1590	28300	36.5	4.59	115	2.10	15000	2760	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
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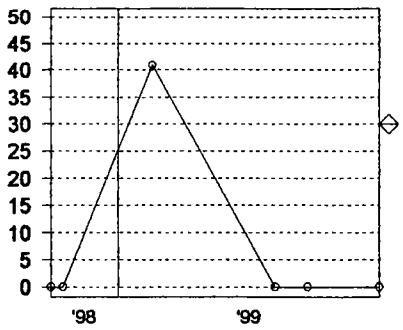
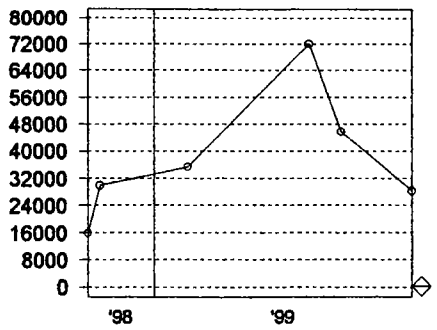
FORT MONMOUTH

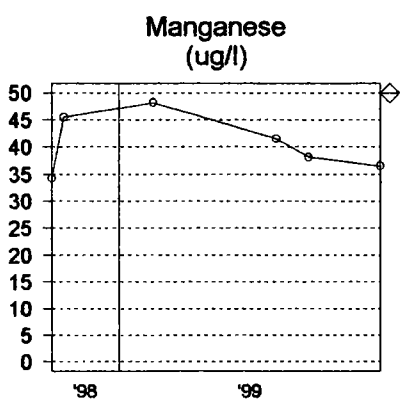
GW MONITORING
Bldg M-2

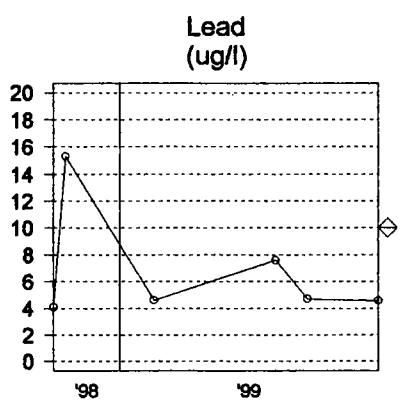
Well 5 of 10

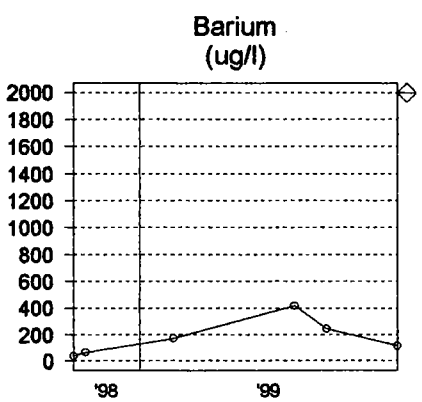
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

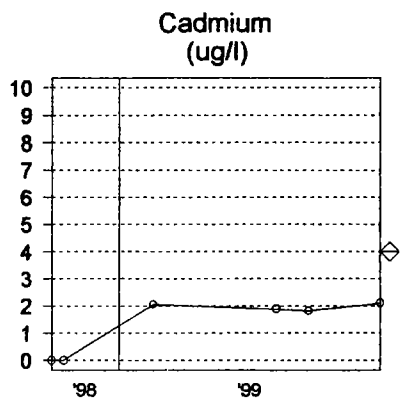


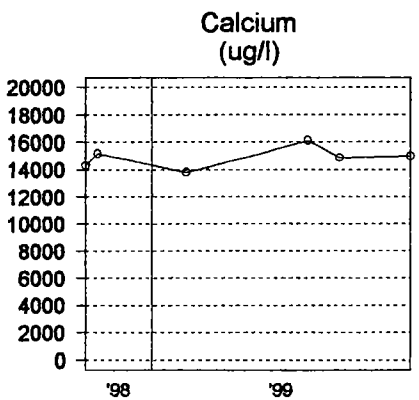


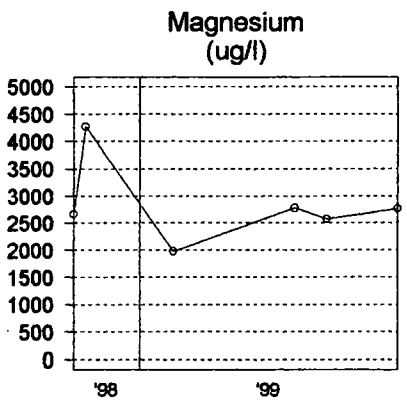












SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

○ = Date Sampled

◇ NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	6.31	6550	5070	16.4	6.84					V,S,P,M
11/02/98	FMETL	13.7	10200	4830	53.5	6.84					V,S,P,M
02/03/99	FMETL	3.3	4630	6910	43.4	6.14					V,S,P,M
06/15/99	FMETL	1.72	6720	5340	32.7	6.75					V,S,P,M
07/20/99	FMETL	2.59	5910	5050	22.0	6.89					V,S,P,M
10/07/99	FMETL	5.44	6510	4970	31.7	6.65					V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

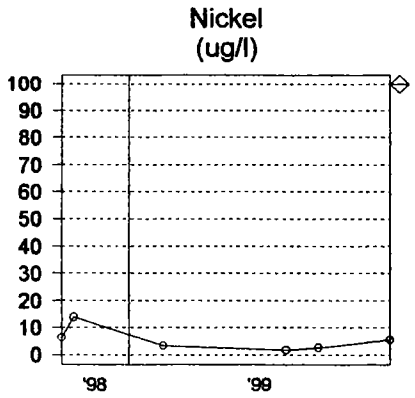
Silver in blank > GW Criteria for May 97.

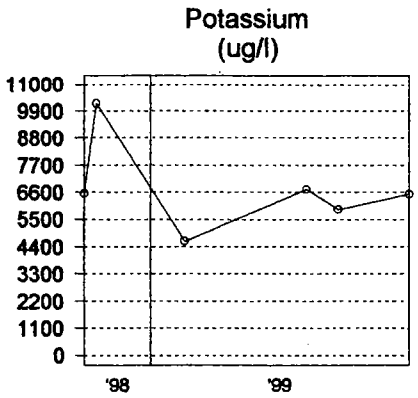
FORT MONMOUTH

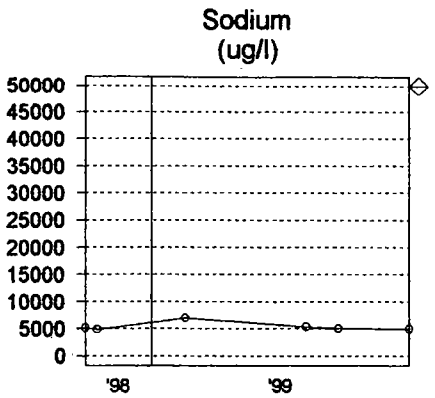
GW MONITORING
Bldg M-2

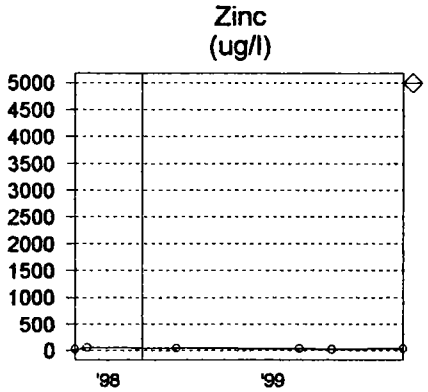
Well 5 of 10

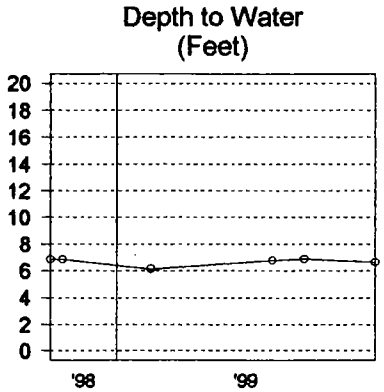
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











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Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Chloro benzene	Arochlor 1016	Arochlor 1260	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	4	0.50	0.50	200	300	50	10	2000	4	-
10/19/98	FMETL	1.36	0.865	ND	1240	16500	72.5	22.4	102	ND	V,S,P,M
11/02/98	FMETL	ND	2.26	ND	10300	43500	92.7	90.5	175	ND	V,S,P,M
02/03/99	FMETL	ND	0.611	ND	1330	50700	138	13.6	185	0.969	V,S,P,M
06/15/99	FMETL	ND	ND	ND	749	38100	55.0	6.26	175	0.941	V,S,P,M
07/20/99	FMETL	ND	ND	0.581	992	36700	59.6	9.72	128	0.948	V,S,P,M
10/07/99	FMETL	ND	ND	ND	616	26100	52.4	6.95	90.3	2.17	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
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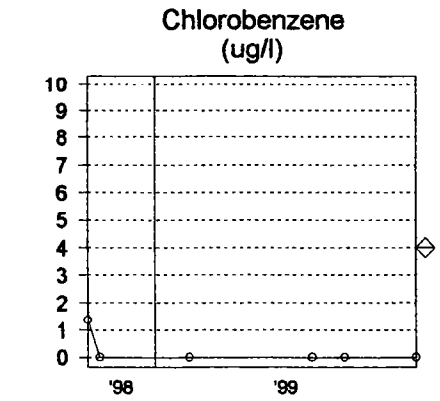
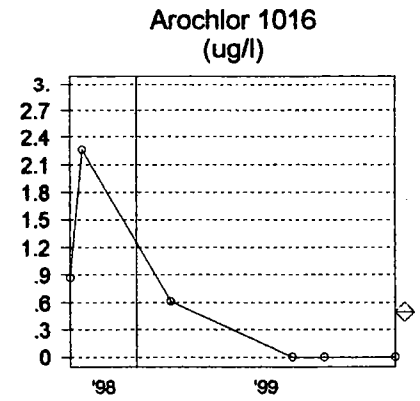
FORT MONMOUTH

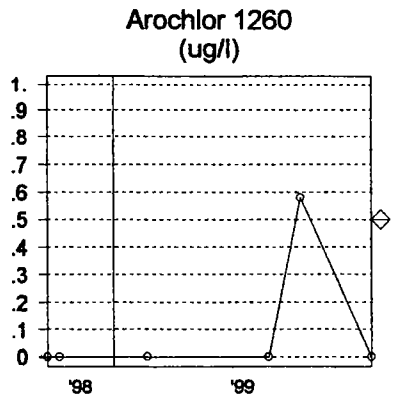
GW MONITORING
Bldg M-2

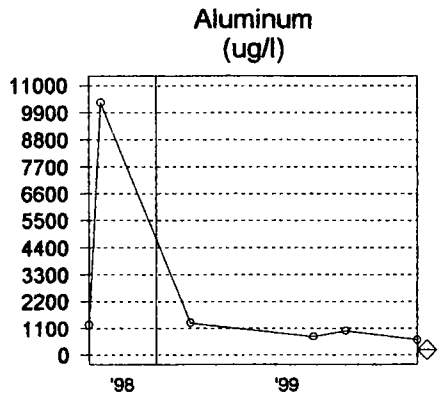
Well 6 of 10

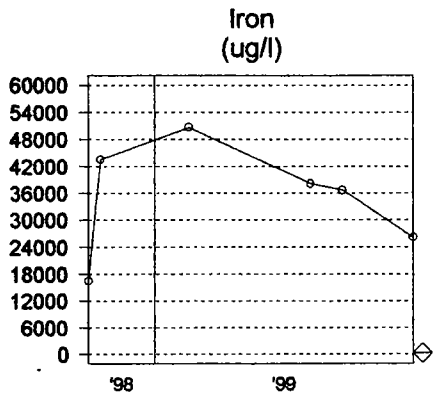
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

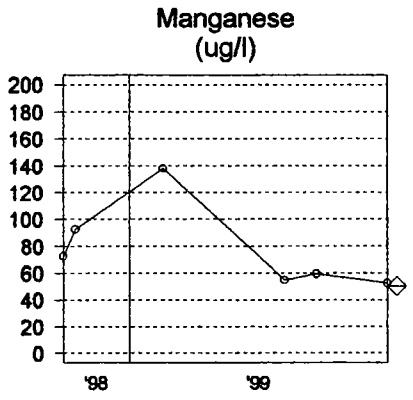


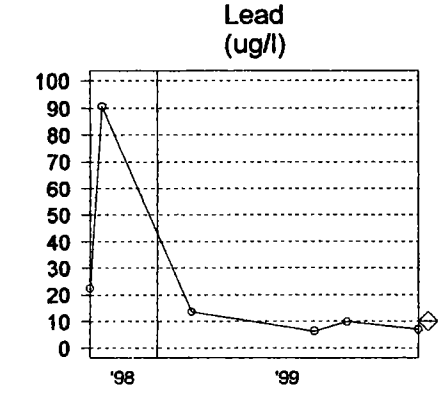


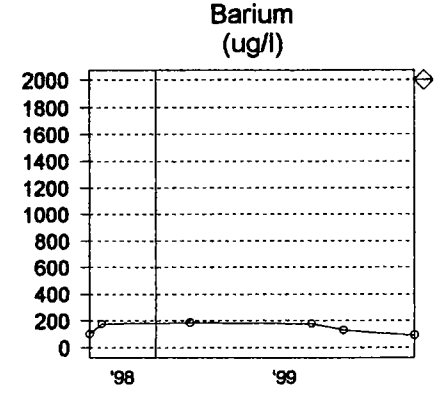


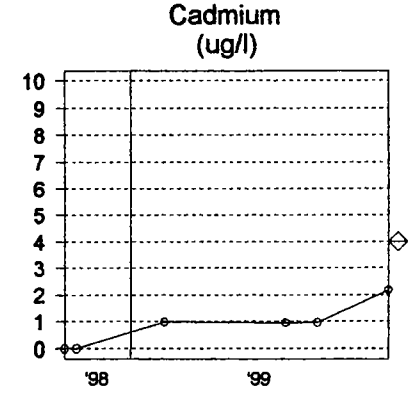












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/98	FMETL	48700	4970	3.62	7660	6970	83.5	9.12			V,S,P,M
11/02/98	FMETL	49100	8030	18.9	15100	8090	392	9.12			V,S,P,M
02/03/99	FMETL	54000	5620	5.53	7000	8620	100	8.18			V,S,P,M
06/15/99	FMETL	40300	4710	ND	6470	7190	33.6	8.79			V,S,P,M
07/20/99	FMETL	39300	4830	2.31	6380	7200	51.7	9.08			V,S,P,M
10/07/99	FMETL	40800	4810	3.32	6430	6990	47.0	8.74			V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
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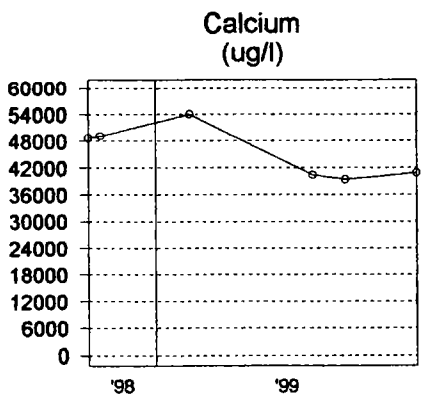
FORT MONMOUTH

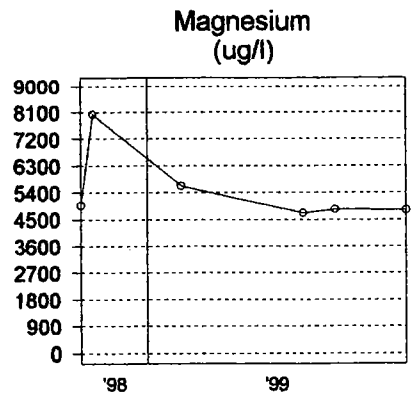
GW MONITORING
Bldg M-2

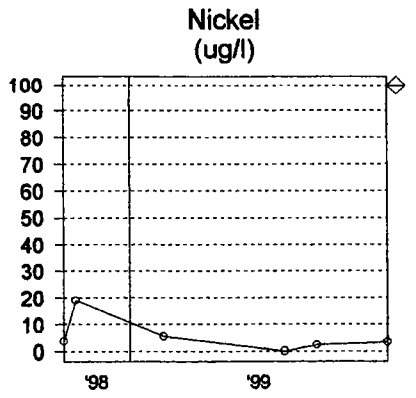
Well 6 of 10

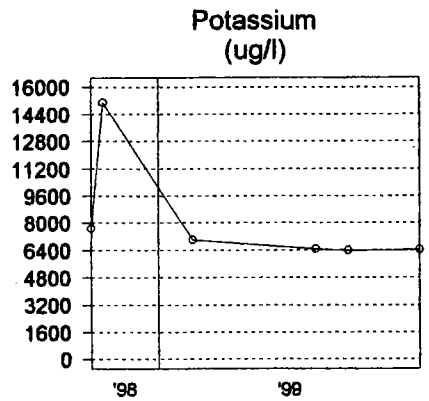
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

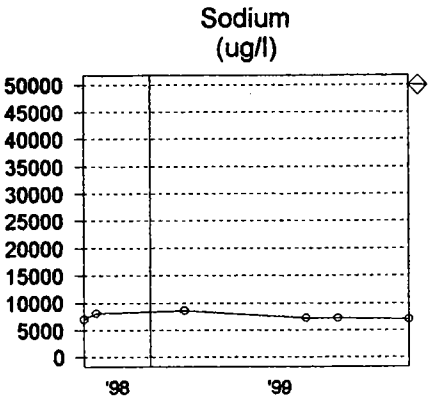
10-26-1999 x:\mtech48\fm\m-2\gw\m2

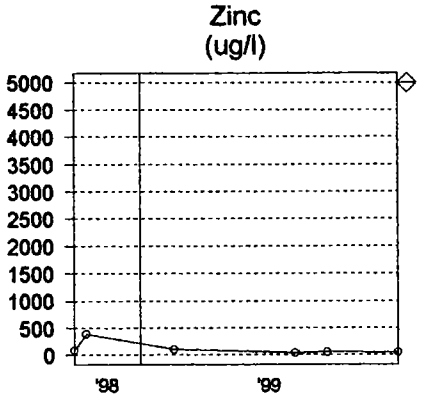


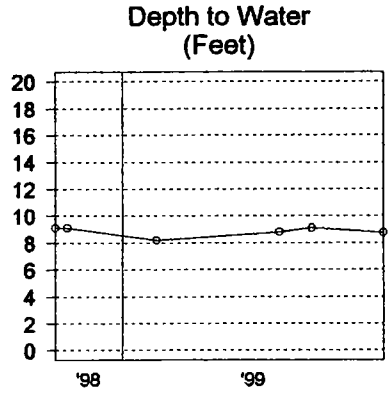












SOURCE: 00M2MW06

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	2000	4	NLE	NLE	100	-
10/19/98	FMETL	1480	14800	94.8	13	96.6	ND	51700	6010	8.01	V,S,P,M
11/02/98	FMETL	3870	23800	82.2	16.4	107	2.36	51000	6450	12	V,S,P,M
02/03/99	FMETL	433	41800	79.6	3.41	103	1.94	48300	5240	2.46	V,S,P,M
06/15/99	FMETL	780	71900	80.3	ND	209	1.96	51200	5660	ND	V,S,P,M
07/20/99	FMETL	1150	19800	70.1	4.93	89.7	1.29	49700	5740	0.999	V,S,P,M
10/07/99	FMETL	1680	35100	81.7	4.53	119	1.67	52600	5900	4.09	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
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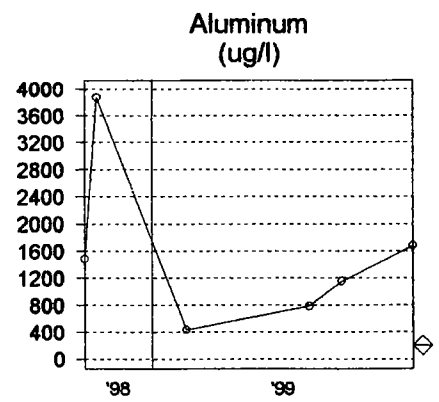
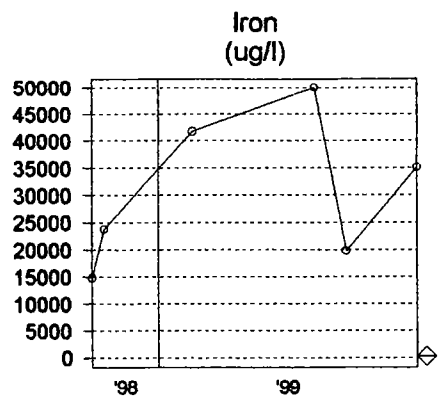
FORT MONMOUTH

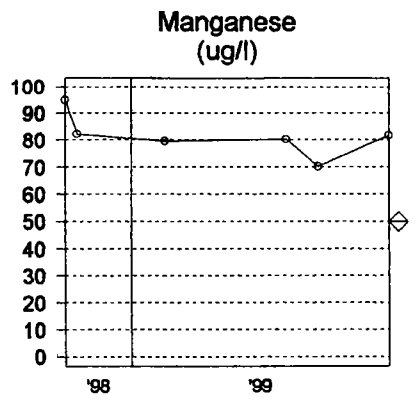
GW MONITORING
Bldg M-2

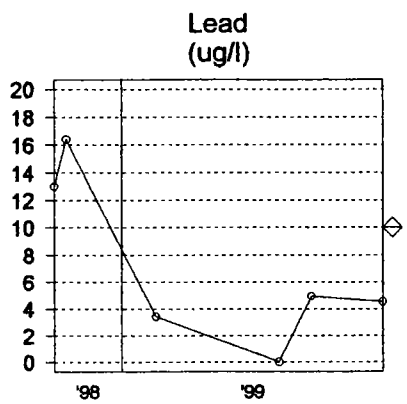
Well 7 of 10

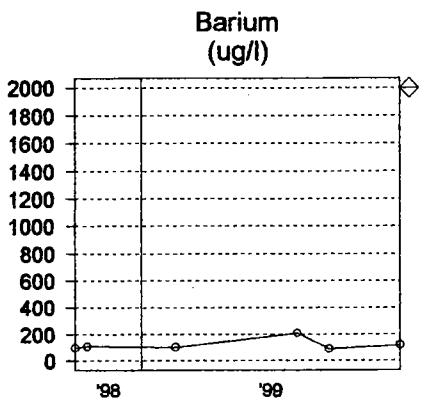
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

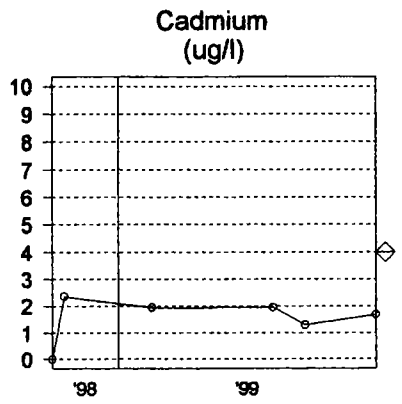


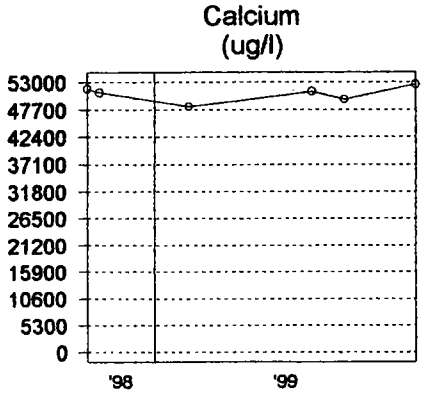


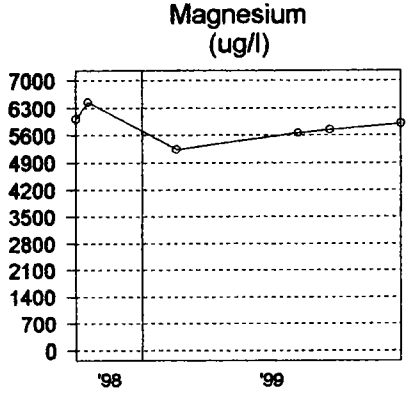


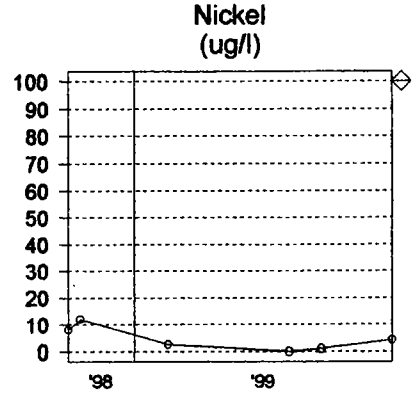












SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/19/98	FMETL	7310	13500	93.8	7.61						V,S,P,M
11/02/98	FMETL	8570	8650	144	7.61						V,S,P,M
02/03/99	FMETL	5260	9530	70.1	6.66						V,S,P,M
06/15/99	FMETL	5890	8800	28.0	7.31						V,S,P,M
07/20/99	FMETL	5480	9750	28.0	7.61						V,S,P,M
10/07/99	FMETL	6050	18700	74.1	7.24						V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

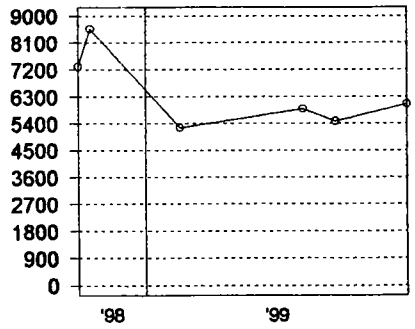
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

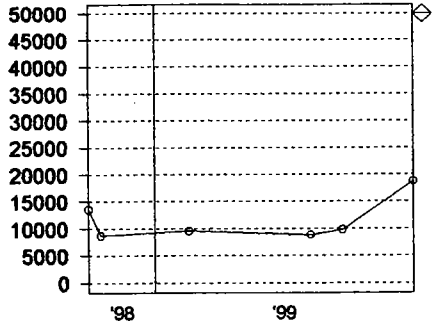
FORT MONMOUTH

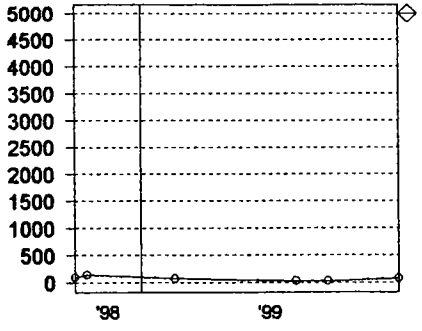
GW MONITORING
Bldg M-2

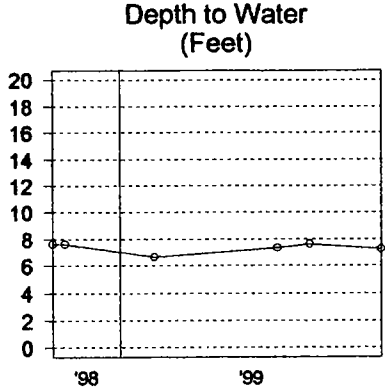
Well 7 of 10

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 00M2MW07

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	200	300	50	10	2000	4	NLE	NLE	-
10/19/98	FMETL	7.46	1490	18400	55.1	11	72.6	ND	40000	5200	V,S,P,M
11/02/98	FMETL	5.88	8250	46100	69.9	45	87.2	ND	42700	8600	V,S,P,M
02/03/99	FMETL	5.56	1350	76500	61.7	5.57	136	1.16	39400	4460	V,S,P,M
06/15/99	FMETL	4.13	3630	142000	74.6	13.5	562	4.14	44800	5910	V,S,P,M
07/20/99	FMETL	2.66	1560	37200	56.5	10.6	120	0.925	39700	5220	V,S,P,M
10/07/99	FMETL	ND	935	32500	55.5	6.65	98.5	1.46	41500	5090	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

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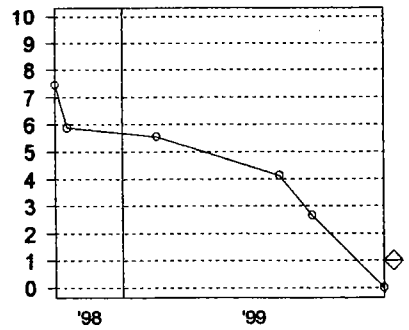
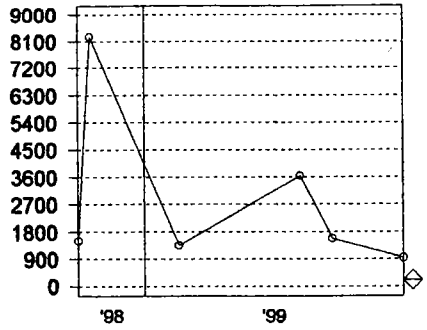
FORT MONMOUTH

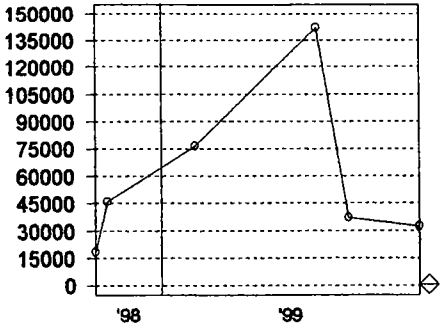
GW MONITORING
Bldg M-2

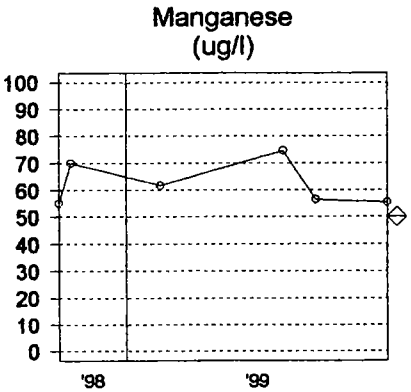
Well 8 of 10

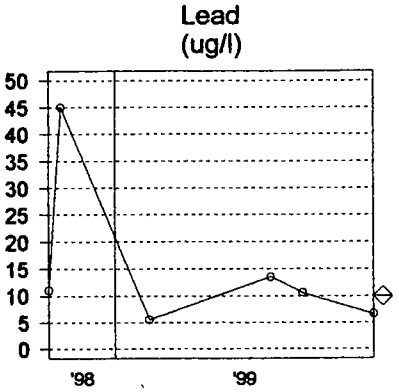
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

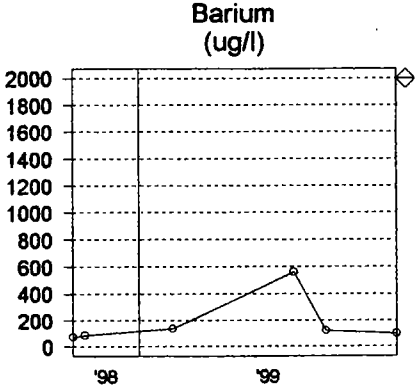


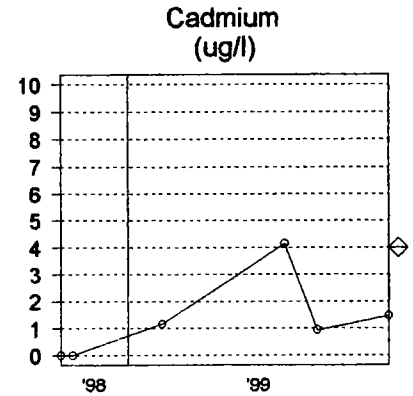


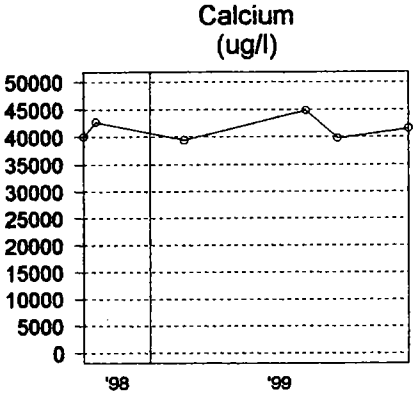


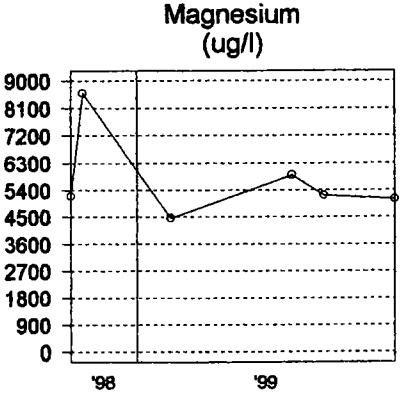












SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Nickel	Potassium	Sodium	Zinc	Depth to Water					Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	Feet					-
NJDEP Criteria:	-	100	NLE	50000	5000	-					-
10/19/98	FMETL	5.21	9010	7560	32.5	7.48					V,S,P,M
11/02/98	FMETL	10.5	19100	8240	95.3	7.48					V,S,P,M
02/03/99	FMETL	3.71	7260	8690	96.4	6.46					V,S,P,M
06/15/99	FMETL	ND	10300	7820	34.5	7.22					V,S,P,M
07/20/99	FMETL	2.13	8020	7890	28.6	7.51					V,S,P,M
10/07/99	FMETL	4.70	7760	8040	32.9	7.29					V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

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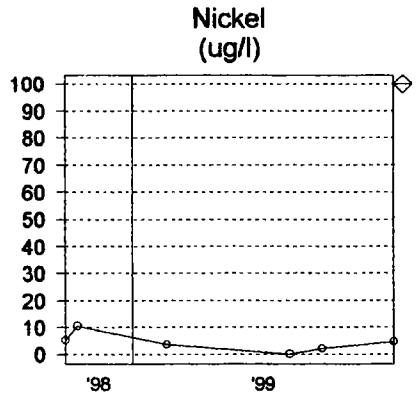
Page 2 of 2.

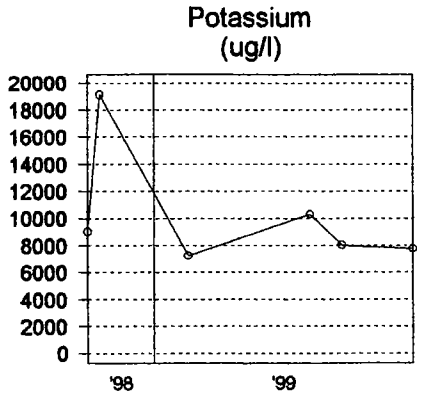
FORT MONMOUTH

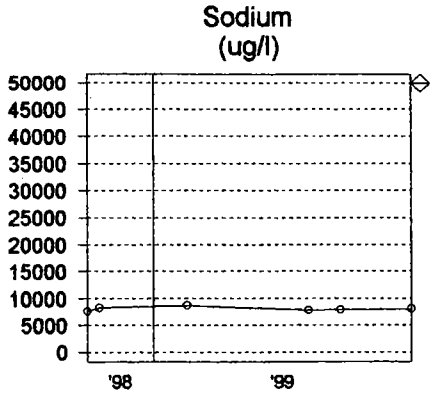
GW MONITORING
Bldg M-2

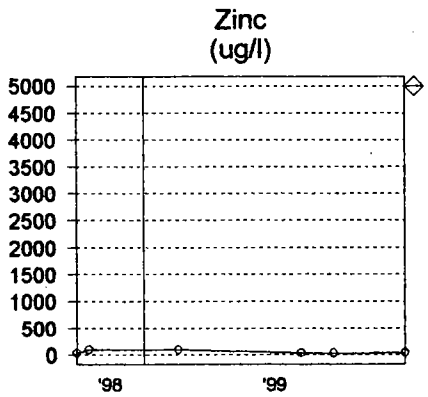
Well 8 of 10

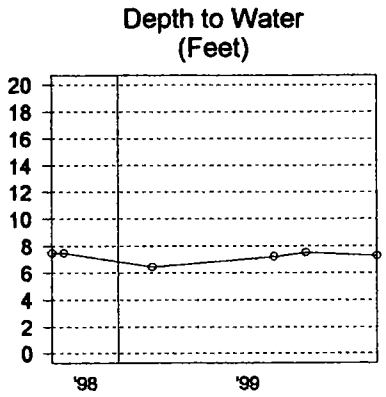
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











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Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Benzene	Chloro benzene	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Lead	Silver	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	0.50	0.50	200	300	50	10	20	-
10/19/98	FMETL	538.24	ND	0.70	3.85	455	10400	1920	7	ND	V,S,P,M
11/02/98	FMETL	205.68	ND	0.26	1.47	7880	36100	1560	41.6	ND	V,S,P,M
02/03/99	FMETL	263.2	1.99	0.244	1.187	3250	30900	4260	13.1	ND	V,S,P,M
06/15/99	FMETL	23.39	ND	ND	ND	32300	99300	1430	95.9	4.90	V,S,P,M
07/20/99	FMETL	14.32	ND	ND	1.456	5850	24900	1200	20.5	ND	V,S,P,M
10/07/99	FMETL	3.91	ND	ND	ND	5000	27500	1460	29.3	ND	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
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FORT MONMOUTH

GW MONITORING
Bldg M-2

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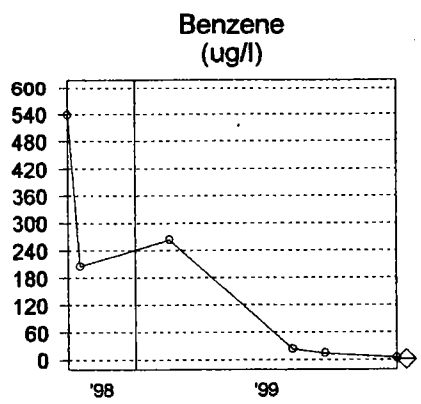
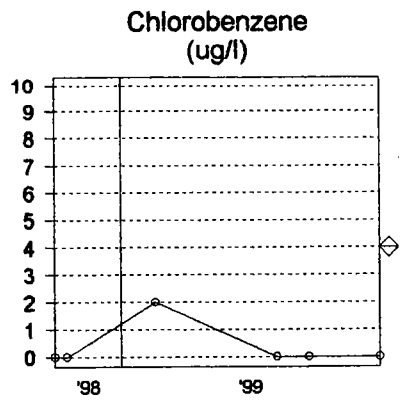
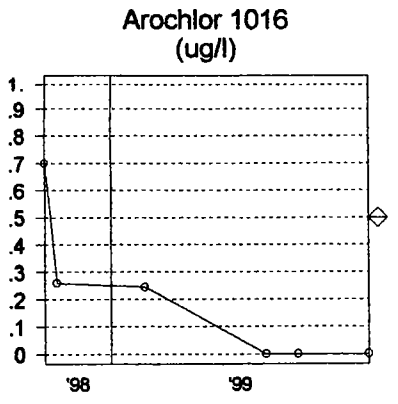
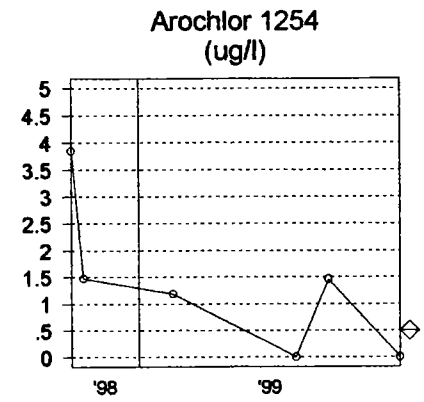
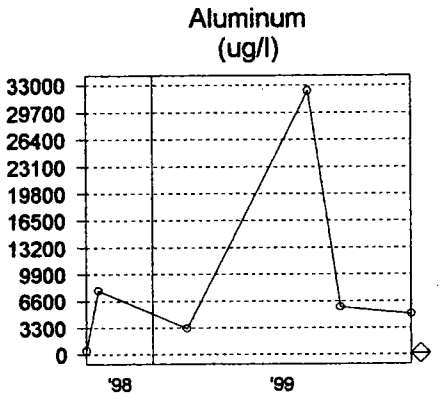
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

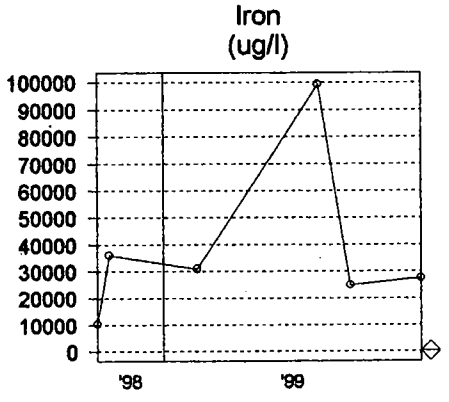


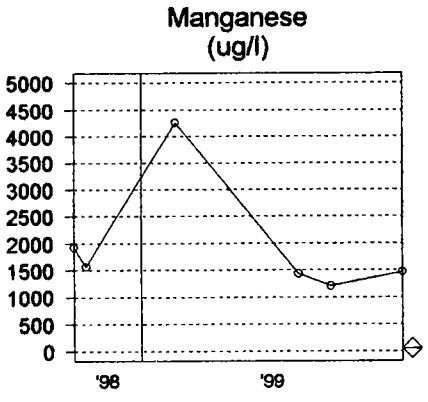


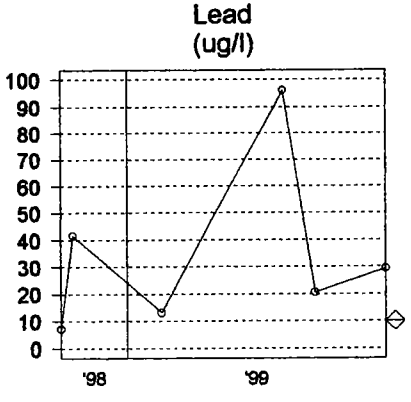


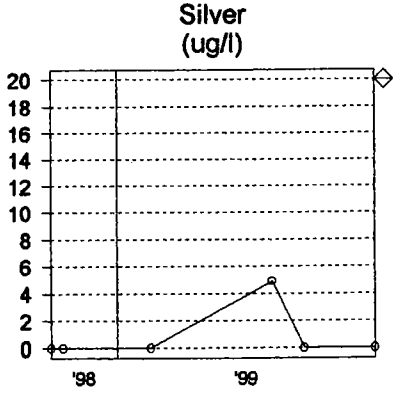












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet	-
NJDEP Criteria:	-	2000	4	NLE	NLE	100	NLE	50000	5000	-	-
10/19/98	FMETL	87	ND	68200	5650	1.1	8290	7600	105	10.85	V,S,P,M
11/02/98	FMETL	146	0.987	56200	7540	14.2	16000	7580	565	10.85	V,S,P,M
02/03/99	FMETL	178	4.49	99300	7820	9.7	10600	10500	474	10.17	V,S,P,M
06/15/99	FMETL	279	15.2	57900	14100	46.8	31600	7280	2300	10.78	V,S,P,M
07/20/99	FMETL	104	2.93	50700	6210	10.2	10100	7300	406	10.99	V,S,P,M
10/07/99	FMETL	131	5.64	53600	5590	16.7	8730	7230	679	10.59	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 2 of 2.

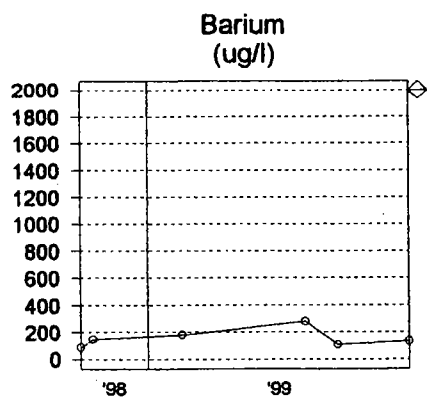
FORT MONMOUTH

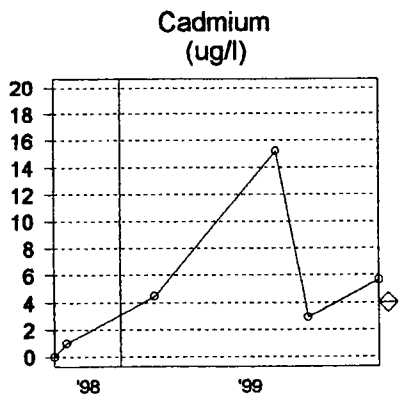
GW MONITORING
Bldg M-2

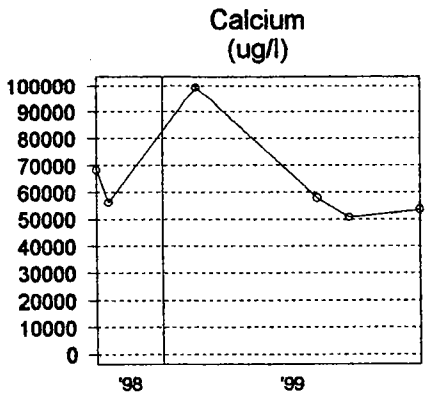
Well 9 of 10

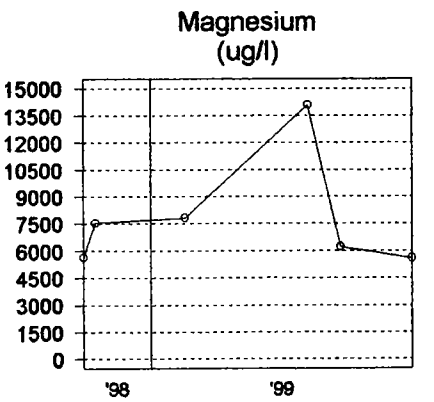
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

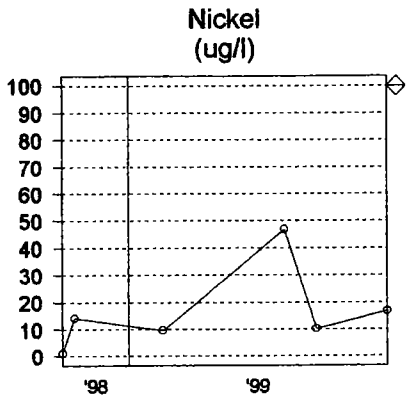
10-26-1999 x:\mtech46\fm\m-2\gw\m2

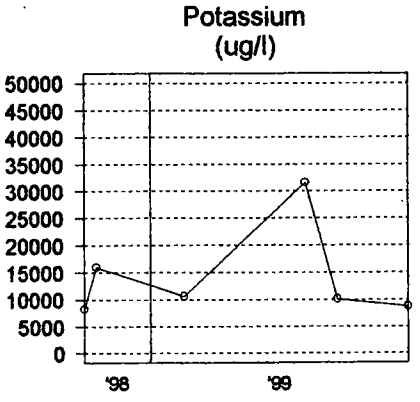


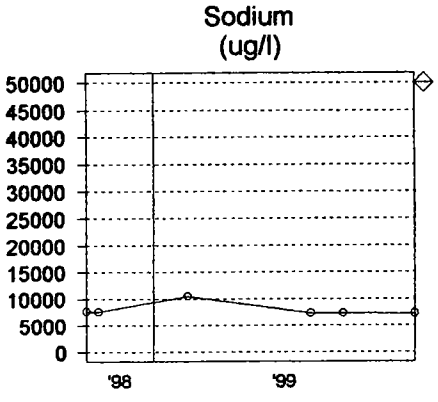


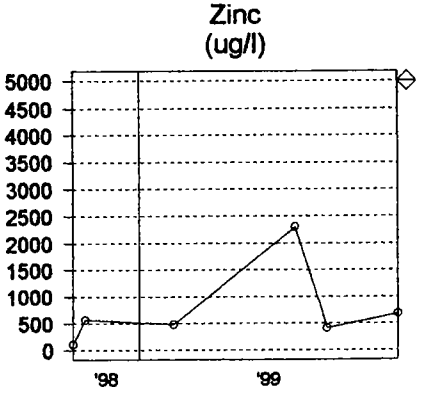


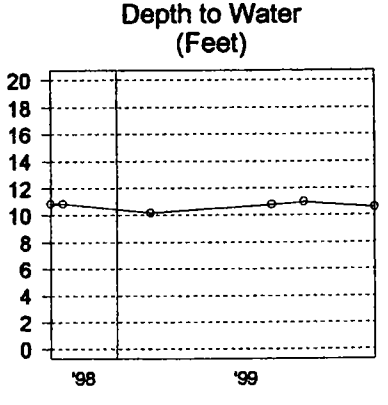












SOURCE: 00M2MW09

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech46\fm\m-2\gw\m2.wsf

	Lab	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Magnesium	Nickel	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	200	300	50	10	2000	4	NLE	NLE	100	-
10/19/98	FMETL	486	4280	22.5	2.94	23.1	ND	24600	1750	1.26	V,S,P,M
11/02/98	FMETL	3670	20600	47.4	4.47	58.6	ND	45300	4300	4.86	V,S,P,M
02/03/99	FMETL	638	24300	68.6	ND	168	0.845	44100	2600	1.17	V,S,P,M
06/15/99	FMETL	5610	65600	79.2	7.75	404	2.03	53400	4430	1.43	V,S,P,M
07/20/99	FMETL	1010	10700	63.1	8.20	79.2	1.02	43600	3260	1.44	V,S,P,M
10/07/99	FMETL	98.4	6390	37.7	ND	65.9	1.10	44000	2960	2.16	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

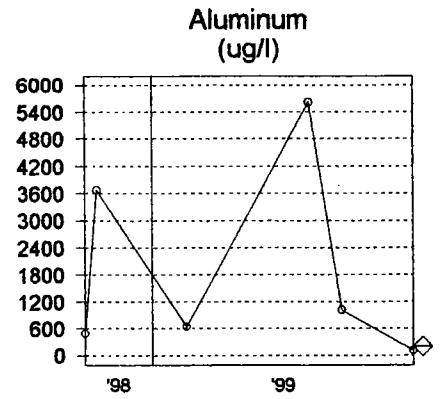
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

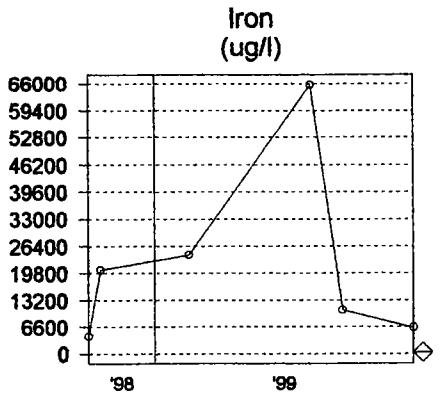
FORT MONMOUTH

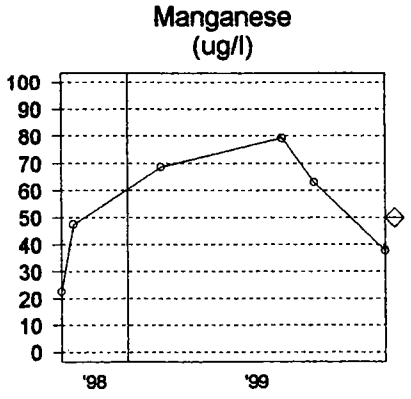
GW MONITORING
Bldg M-2

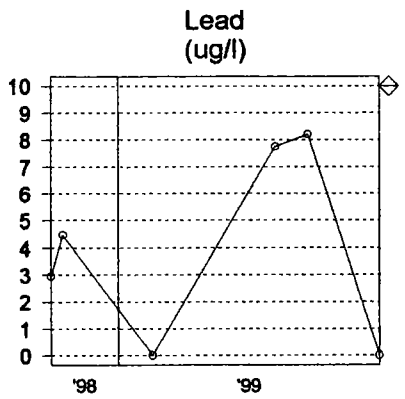
Well 10 of 10

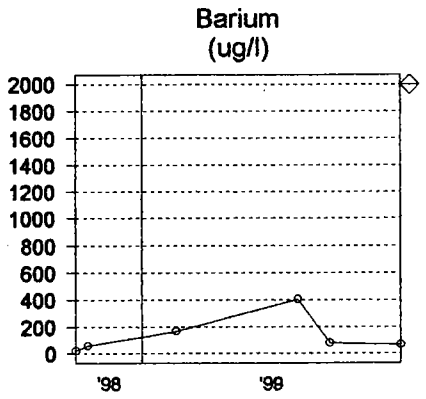
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

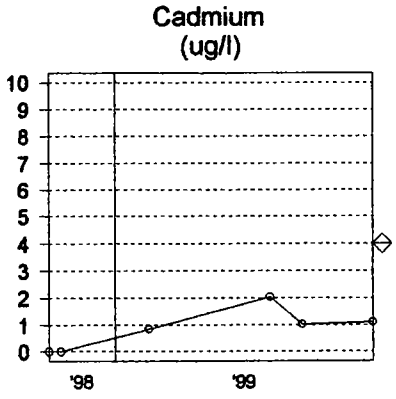


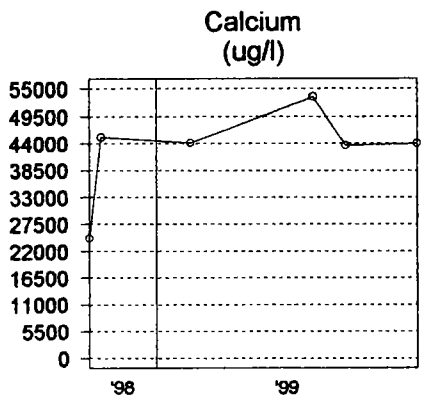


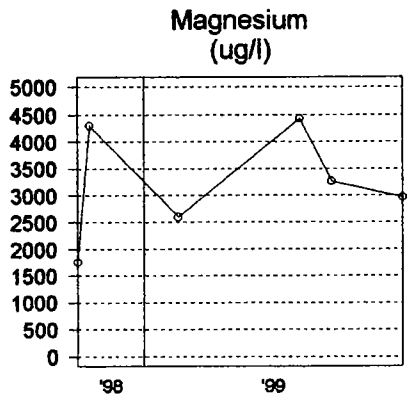


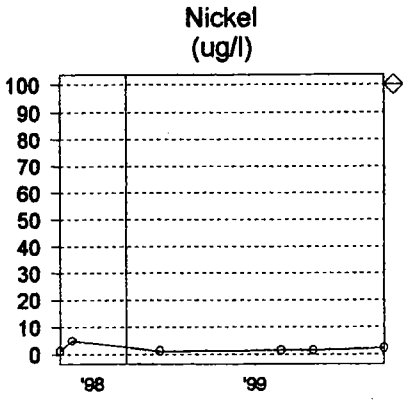












SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 10/07/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-26-1999 x:\mtech48\fm\m-2\gw\m2.wsf

	Lab	Potassium	Sodium	Zinc	Depth to Water						Notes
Units:	-	ug/l	ug/l	ug/l	Feet						-
NJDEP Criteria:	-	NLE	50000	5000	-						-
10/19/98	FMETL	3290	3870	20.1	8.24						V,S,P,M
11/02/98	FMETL	9530	7600	38.4	8.24						V,S,P,M
02/03/99	FMETL	5120	8080	31.2	6.81						V,S,P,M
06/15/99	FMETL	8860	7800	41.9	7.94						V,S,P,M
07/20/99	FMETL	5670	7540	40.5	8.35						V,S,P,M
10/07/99	FMETL	5350	7310	18.2	8.00						V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/98 - 10/07/99

NOTES:

Silver in blank > GW Criteria for May 97.
Page 2 of 2.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

ANALYTICAL DATA REPORT
FOR
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT : DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2

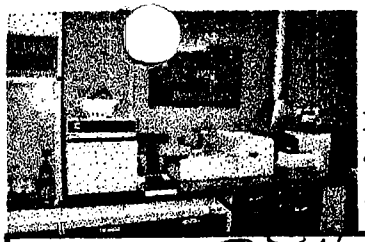
LABORATORY ID #	MONITOR WELL#	NJDEP WELL ID#	SAMPLE DATE
5227.04	00M2MW01	29-32584	03/07/00
5227.05	00M2MW02	29-32585	03/07/00
5227.06	00M2MW03	29-32586	03/07/00
5227.07	00M2MW04	29-37988	03/07/00
5227.08	00M2MW05	29-39185	03/07/00
5227.09	00M2MW06	29-39184	03/07/00
5227.10	00M2MW07	29-39183	03/07/00
5227.11	00M2MW08	29-39182	03/07/00
5227.12	00M2MW09	29-39181	03/07/00
5227.13	00M2MW10	29-39180	03/07/00

NJDEP Laboratory Certification # 13461

4-20-00
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Fuller
Phone #: 2 6223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M2 mw's 1st Qrtr '00

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL MTIS	BNA+25	Pest/PCB				Hnu Read	Comments: HCl/HNO3/4°C Remarks / Preservation Method
5227. .01	Trip	3/7/00	0737	AQ	2	✓							—	
.02	Field Blank				5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	00M2mw01		1043		5	✓	✓	✓	✓				0.0	29-32584
.05	00M2MW02		0952		5	✓	✓	✓	✓				0.0	29-32585
.06	00M2MW03		1000		5	✓	✓	✓	✓				0.0	29-32586
.07	00M2MW04		1021		5	✓	✓	✓	✓				0.0	29-37988
.08	00M2MW05		1440		5	✓	✓	✓	✓				0.0	29-39185
.09	00M2MW06		1413		5	✓	✓	✓	✓				0.0	29-39184
.10	00M2MW07		1339		5	✓	✓	✓	✓				0.0	29-39183
.11	00M2MW08		1301		5	✓	✓	✓	✓				0.0	29-39182
.12	00M2MW09		1214		5	✓	✓	✓	✓				0.0	29-39181
.13	00M2MW10	↓	1137	↓	5	✓	✓	✓	✓				0.0	29-39180

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/7/00 1535				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

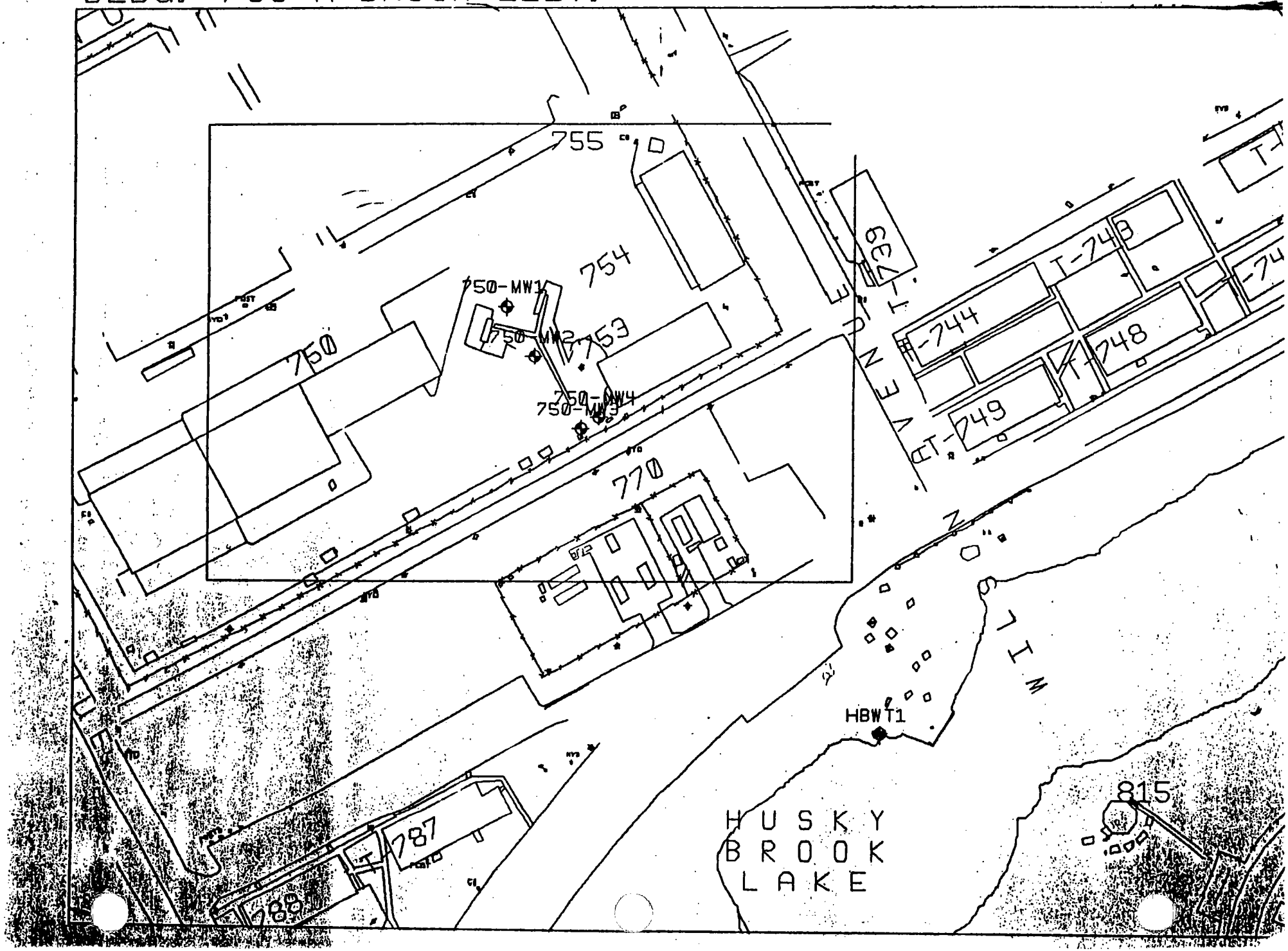
Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide; ~~MS/MSD here~~ .com

print legibly

Coc1/3/00

BLDG. 750 H-BROOK ELEV.



US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound Identified Below Detection Limit
B : Compound is in Both Sample and Blank
D : Results are from a Dilution of the Sample
U : Compound Searched for but not Detected
E : Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002306.D**	Sample Name	**Vblk63**
Operator	**Skelton**	Field ID	**Vblk63**
Date Aquired	**36592.42361**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk63**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk63

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002306.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/7/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002344.D**	Sample Name	**Vblk64**
Operator	**Skelton**	Field ID	**Vblk64**
Date Aquired	**36594.075**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk64**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk64

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002344.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/9/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002332.D**	Sample Name	**5227.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**36593.17847**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002332.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002333.D**	Sample Name	**5227.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**36593.20694**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002333.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002334.D**	Sample Name	**5227.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Aquired	**36593.23542**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/27/00 4:20 PM

D:\HPCHEM\CUSTRPT\VOLATILE\624FY00.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002334.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002335.D**	Sample Name	**5227.04**
Operator	**Skelton**	Field ID	**00M2MW01**
Date Aquired	**36593.26389**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002335.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002336.D**	Sample Name	**5227.05**
Operator	**Skelton**	Field ID	**00M2MW02**
Date Aquired	**36593.29167**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene	18.60	774076	5.86 ug/L	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene	27.34	7573031	69.55 ug/L	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene	32.89	150141	1.98 ug/L	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene	33.13	341798	4.87 ug/L	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002336.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002337.D**	Sample Name	**5227.06**
Operator	**Skelton**	Field ID	**00M2MW03**
Date Aquired	**36593.32014**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.34	366716	3.42 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW03**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002337.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002338.D**	Sample Name	**5227.07**
Operator	**Skelton**	Field ID	**00M2MW04**
Date Aquired	**36593.34792**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene	27.34	256819	2.38 ug/L	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002338.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/8/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002357.D**	Sample Name	**5227.08**
Operator	**Skelton**	Field ID	**00M2MW05**
Date Aquired	**36594.45417**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002357.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/9/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002358.D**	Sample Name	**5227.09**
Operator	**Skelton**	Field ID	**00M2MW06**
Date Aquired	**36594.48194**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier		
107028	Acrolein			not detected	50	1.85 ug/L			
107131	Acrylonitrile			not detected	50	2.78 ug/L			
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L			
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L			
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L			
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L			
74-87-3	Chloromethane			not detected	30	1.16 ug/L			
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L			
74-83-9	Bromomethane			not detected	10	1.10 ug/L			
75-00-3	Chloroethane			not detected	nle	1.01 ug/L			
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L			
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L			
67-64-1	Acetone			not detected	700	1.36 ug/L			
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L			
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L			
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L			
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L			
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L			
78-93-3	2-Butanone			not detected	300	0.62 ug/L			
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L			
67-66-3	Chloroform			not detected	6	0.30 ug/L			
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L			
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L			
71-43-2	Benzene			not detected	1	0.23 ug/L			
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L			
79-01-6	Trichloroethene			not detected	1	0.23 ug/L			
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L			
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L			
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L			
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L			
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L			
108-88-3	Toluene			not detected	1000	0.37 ug/L			
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L			
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L			
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L			
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L			
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L			
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L			
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L			
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L			
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L			
100-42-5	Styrene			not detected	100	0.56 ug/L			
75-25-2	Bromoform			not detected	4	0.70 ug/L			
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L			
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L			
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L			
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L			

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002358.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/9/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002359.D**	Sample Name	**5227.10**
Operator	**Skelton**	Field ID	**00M2MW07**
Date Aquired	**36595.51111**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002359.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/10/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002360.D**	Sample Name	**5227.11**
Operator	**Skelton**	Field ID	**00M2MW08**
Date Aquired	**36595.53958**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/27/00 4:24 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002360.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/10/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002361.D**	Sample Name	**5227.12**
Operator	**Skelton**	Field ID	**00M2MW09**
Date Aquired	**36595.06806**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.61	246422	2.21 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002361.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. _____ Date Analyzed: 3/10/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification Number #13461

Data File	**VC002362.D**	Sample Name	**5227.13**
Operator	**Skelton**	Field ID	**00M2MW10**
Date Aquired	**36595.09722**	Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156594	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C., 7:9-6 2-Sept 97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL NJDEP#: 13461

Project: LTM Case No.: 5227 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC002362.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: not dec. Date Analyzed: 3/10/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03707.D**	Sample Name	**Sblk354**
Operator	**Bhaskar**	Misc Info	**Sblk354 A 000313**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03707.D**	Sample Name	**Sblk354**
Operator	**Bhaskar**	Misc Info	**Sblk354 A 000313**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Sblk354**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk354

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03707.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03709.D**	Sample Name	**5227.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03709.D**	Sample Name	**5227.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.64	1180954	42.49 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03709.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03710.D**	Sample Name	**5227.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03710.D**	Sample Name	**5227.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03710.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03711.D**	Sample Name	**5227.04**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03711.D**	Sample Name	**5227.04**
Operator	**Bhaskar**	Misc Info	**00M2MW01**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW01**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03711.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03712.D**	Sample Name	**5227.05**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.47	54406	2.83 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03712.D**	Sample Name	**5227.05**
Operator	**Bhaskar**	Misc Info	**00M2MW02**
Date Acquired	**14-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.66	79766	2.88 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW02**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03712.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/14/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.89	5	JN
2.	unknown	15.97	7	J
3.	unknown	19.38	7	J
4.	unknown	19.67	4	J
5. 000934-34-9	2(3H)-Benzothiazolone	19.83	9	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03713.D**	Sample Name	**5227.06**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03713.D**	Sample Name	**5227.06**
Operator	**Bhaskar**	Misc Info	**00M2MW03**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW03**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5227.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03713.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03714.D**	Sample Name	**5227.07**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03714.D**	Sample Name	**5227.07**
Operator	**Bhaskar**	Misc Info	**00M2MW04**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW04**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03714.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03715.D**	Sample Name	**5227.08**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03715.D**	Sample Name	**5227.08**
Operator	**Bhaskar**	Misc Info	**00M2MW05**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW05**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03715.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	5	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03716.D**	Sample Name	**5227.09**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03716.D**	Sample Name	**5227.09**
Operator	**Bhaskar**	Misc Info	**00M2MW06**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW06**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03716.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.90	6	JN
2.	unknown	7.05	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03717.D**	Sample Name	**5227.10**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03717.D**	Sample Name	**5227.10**
Operator	**Bhaskar**	Misc Info	**00M2MW07**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW07**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03717.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03718.D**	Sample Name	**5227.11**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03718.D**	Sample Name	**5227.11**
Operator	**Bhaskar**	Misc Info	**00M2MW08**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW08**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03718.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.04	5	J
2.	unknown	28.85	14	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03719.D**	Sample Name	**5227.12**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA03719.D**	Sample Name	**5227.12**
Operator	**Bhaskar**	Misc Info	**00M2MW09**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW09**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03719.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	5	J
2. 000105-60-2	Caprolactam	14.36	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA03720.D**	Sample Name	**5227.13**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA03720.D**	Sample Name	**5227.13**
Operator	**Bhaskar**	Misc Info	**00M2MW10**
Date Acquired	**15-Mar-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **00M2MW10**

Lab Name: FMETL Lab Code 13461

Project LTM Case No.: 5227 Location M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5227.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA03720.D

Level: (low/med) LOW Date Received: 3/7/00

% Moisture: decanted: (Y/N) N Date Extracted: 3/13/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 3/15/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.05	4	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK490
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227..02
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW01
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW02
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW03
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW04
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW05
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW06
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW07
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW08
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5227.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	3/7/00
	Bldg. 173	**Extraction Date:**	3/10/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	3/17/00
Analysis:	EPA Method 608	**Location :**	M2
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW10
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0030	ND
beta-BHC	1		0.20	0.0024	ND
gamma-BHC	1		0.20	0.0015	ND
delta-BHC	1		NLE	0.0019	ND
Heptachlor	1		0.40	0.0020	ND
Aldrin	1		0.04	0.0010	ND
Heptachlor Epoxide	1		0.20	0.0009	ND
Endosulfan I	1		0.40	0.0057	ND
4,4'-DDE	1		0.10	0.0009	ND
Dieldrin	1		0.03	0.0016	ND
Endrin	1		2.00	0.0020	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0033	ND
4,4'-DDD	1		0.10	0.0022	ND
4,4'-DDT	1		0.10	0.0013	ND
Endosulfan-Sulfate	1		0.40	0.0027	ND
Methoxychlor	1		40.00	0.0038	ND
Alpha-chlordane	1		0.50	0.0011	ND
Gamma-chlordane	1		0.50	0.0009	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227
Sample Prepared: 04/05/00

Site: M-2

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	50.3	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	1.79	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	135	NLE	20.0
Chromium	04/06/00	1.12	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	22.6	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	36.4	NLE	20.0
Manganese	04/06/00	ND	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	1.49	100	0.5
Potassium	04/06/00	152	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	281	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	ND	NLE	1.0
Zinc	04/06/00	5.26	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.02
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: Field Blank

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	ND	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	ND	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	43.4	NLE	20.0
Chromium	04/06/00	ND	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	ND	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	ND	NLE	20.0
Manganese	04/06/00	ND	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	ND	100	0.5
Potassium	04/06/00	134	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	140	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	1.59	NLE	1.0
Zinc	04/06/00	4.62	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.03
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: Dupe

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	906	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	75.6	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	3.49	4	0.5
Calcium	04/06/00	22300	NLE	20.0
Chromium	04/06/00	3.62	100	0.5
Cobalt	04/06/00	6.67	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	1210	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	6910	NLE	20.0
Manganese	04/06/00	145	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	23.0	100	0.5
Potassium	04/06/00	5830	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	14600	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	3.66	NLE	1.0
Zinc	04/06/00	2140	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.04
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW01

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	840	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	70.6	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	3.31	4	0.5
Calcium	04/06/00	21400	NLE	20.0
Chromium	04/06/00	3.53	100	0.5
Cobalt	04/06/00	6.48	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	1160	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	6560	NLE	20.0
Manganese	04/06/00	137	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	22.5	100	0.5
Potassium	04/06/00	5500	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	13900	50000	20.0
Thallium	04/06/00	5.07	10	3.0
Vanadium	04/06/00	3.13	NLE	1.0
Zinc	04/06/00	2030	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.05
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW02

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	75.5	200	10.0
Antimony	04/06/00	2.84	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	341	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	88500	NLE	20.0
Chromium	04/06/00	4.29	100	0.5
Cobalt	04/06/00	0.633	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	46200	300	10.0
Lead	04/06/00	2.39	10	2.0
Magnesium	04/06/00	10600	NLE	20.0
Manganese	04/06/00	445	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	1.24	100	0.5
Potassium	04/06/00	13600	NLE	20.0
Selenium	04/06/00	6.06	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	8660	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	2.55	NLE	1.0
Zinc	04/06/00	44.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.06
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW03

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	47.6	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	75.3	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	71900	NLE	20.0
Chromium	04/06/00	2.93	100	0.5
Cobalt	04/06/00	0.567	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	11400	300	10.0
Lead	04/06/00	5.83	10	2.0
Magnesium	04/06/00	5570	NLE	20.0
Manganese	04/06/00	495	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	3.11	100	0.5
Potassium	04/06/00	8230	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	6860	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	1.57	NLE	1.0
Zinc	04/06/00	25.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.07
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW04

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	57.8	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	195	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	34700	NLE	20.0
Chromium	04/06/00	2.80	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	33700	300	10.0
Lead	04/06/00	9.26	10	2.0
Magnesium	04/06/00	3710	NLE	20.0
Manganese	04/06/00	312	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	1.71	100	0.5
Potassium	04/06/00	6010	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	5260	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	1.55	NLE	1.0
Zinc	04/06/00	18.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.08
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW05

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	370	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	2.80	8	2.0
Barium	04/06/00	309	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	15600	NLE	20.0
Chromium	04/06/00	5.93	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	74400	300	10.0
Lead	04/06/00	5.24	10	2.0
Magnesium	04/06/00	2460	NLE	20.0
Manganese	04/06/00	43.2	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	2.61	100	0.5
Potassium	04/06/00	4450	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	3290	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	3.03	NLE	1.0
Zinc	04/06/00	26.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.09
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW06

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	753	200	10.0
Antimony	04/06/00	566	20	2.0
Arsenic	04/06/00	5.60	8	2.0
Barium	04/06/00	189	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	3.28	4	0.5
Calcium	04/06/00	41600	NLE	20.0
Chromium	04/06/00	16000	100	0.5
Cobalt	04/06/00	29.3	NLE	0.5
Copper	04/06/00	9.64	1000	3.0
Iron	04/06/00	45000	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	14100	NLE	20.0
Manganese	04/06/00	247	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/14/00	ND	100	20.0
Potassium	04/06/00	5490	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	4540	50000	20.0
Thallium	04/06/00	6.70	10	3.0
Vanadium	04/06/00	35.8	NLE	1.0
Zinc	04/06/00	11.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.10
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW07

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	248	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	339	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	56600	NLE	20.0
Chromium	04/06/00	ND	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	118000	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	5760	NLE	20.0
Manganese	04/06/00	156	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	6.52	100	0.5
Potassium	04/06/00	4560	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	5780	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	2.63	NLE	1.0
Zinc	04/06/00	26.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.11
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW08

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	616	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	197	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	39500	NLE	20.0
Chromium	04/06/00	ND	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	73100	300	10.0
Lead	04/06/00	3.37	10	2.0
Magnesium	04/06/00	4750	NLE	20.0
Manganese	04/06/00	56.5	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	2.50	100	0.5
Potassium	04/06/00	6100	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	4770	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	4.57	NLE	1.0
Zinc	04/06/00	21.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.12
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW09

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	2850	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	77.5	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	1.65	4	0.5
Calcium	04/06/00	46000	NLE	20.0
Chromium	04/06/00	36.8	100	0.5
Cobalt	04/06/00	1.94	NLE	0.5
Copper	04/06/00	13.2	1000	3.0
Iron	04/06/00	15200	300	10.0
Lead	04/06/00	11.2	10	2.0
Magnesium	04/06/00	5260	NLE	20.0
Manganese	04/06/00	1310	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	7.50	100	0.5
Potassium	04/06/00	6860	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	4560	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	20.6	NLE	1.0
Zinc	04/06/00	263	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5227.13
Sample Received: 03/07/00
Sample Matrix: Aqueous

Site: M-2

Field ID#: 00M2MW10

TAL-METALS RESULTS SUMMARY (ug/L)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	04/06/00	442	200	10.0
Antimony	04/06/00	ND	20	2.0
Arsenic	04/06/00	ND	8	2.0
Barium	04/06/00	504	2000	0.5
Beryllium	04/06/00	ND	20	0.5
Cadmium	04/06/00	ND	4	0.5
Calcium	04/06/00	50000	NLE	20.0
Chromium	04/06/00	6.30	100	0.5
Cobalt	04/06/00	ND	NLE	0.5
Copper	04/06/00	ND	1000	3.0
Iron	04/06/00	46200	300	10.0
Lead	04/06/00	ND	10	2.0
Magnesium	04/06/00	3220	NLE	20.0
Manganese	04/06/00	104	50	0.5
Mercury	03/30/00	ND	2	0.1
Nickel	04/06/00	1.58	100	0.5
Potassium	04/06/00	4940	NLE	20.0
Selenium	04/06/00	ND	50	3.0
Silver	04/06/00	ND	20	3.0
Sodium	04/06/00	4850	50000	20.0
Thallium	04/06/00	ND	10	3.0
Vanadium	04/06/00	4.69	NLE	1.0
Zinc	04/06/00	25.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

	Lab	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Aluminum	Iron	Manganese	Lead	Silver	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	900	30	200	300	50	10	20	2000	4	-
05/02/1997	FMETL	ND	ND	360	100	150	ND	17	-	-	V,S,P,M
08/06/1997	FMETL	ND	ND	236.3	400	128	ND	ND	-	-	V,S,P,M
10/23/1997	FMETL	6.45	ND	344	488	78	11	ND	63.8	1.6	V,S,P,M
02/11/1998	FMETL	29.1	1.89	578	500	120	ND	ND	53.3	3.5	V,S,P,M
04/23/1998	FMETL	ND	ND	239	233	73.1	ND	ND	57.2	2.5	V,S,P,M
07/22/1998	FMETL	ND	1.25	2480	7790	83.6	ND	ND	83.1	2.5	V,S,P,M
11/06/1998	FMETL	ND	ND	402	1480	84.1	6.95	ND	67.6	6.23	V,S,P,M
02/03/1999	FMETL	ND	ND	ND	1390	133	ND	ND	76.6	3.27	V,S,P,M
06/15/1999	FMETL	ND	ND	561	698	84.3	ND	ND	45.5	1.56	V,S,P,M
07/20/1999	FMETL	ND	ND	762	2420	94.4	ND	ND	56.6	1.94	V,S,P,M
10/07/1999	FMETL	ND	ND	393	3170	83.5	4.10	ND	50.4	1.53	V,S,P,M
03/07/2000	FMETL	ND	ND	840	1160	137	ND	ND	70.6	3.31	V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/1997 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

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Bldg M-2

Well 1 of 10

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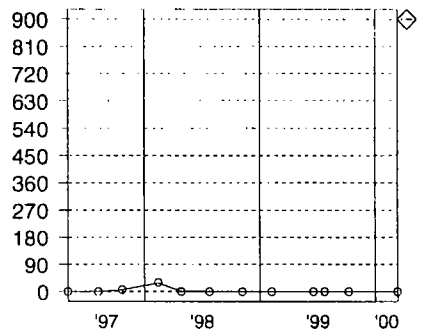
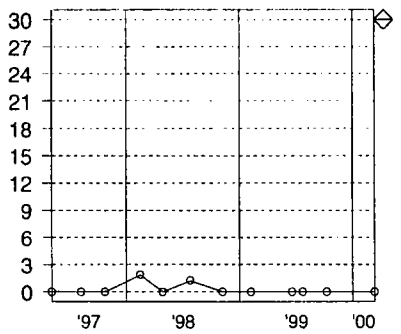
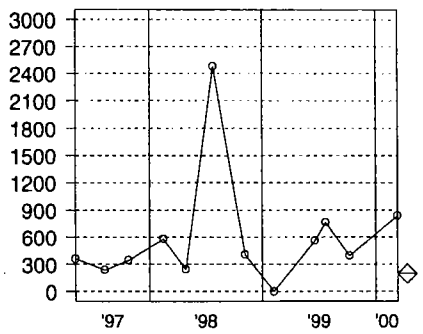
Di-n-butylphthalate (ug/l)



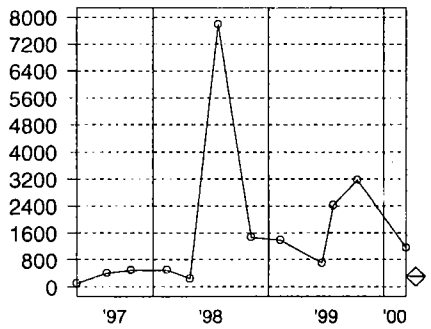
bis(2-Ethylhexyl)phthalate (ug/l)



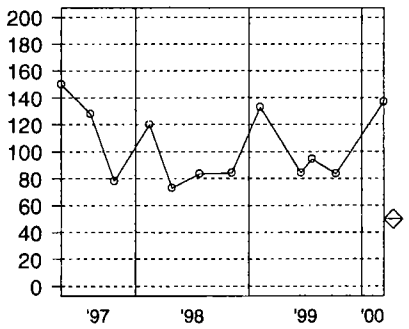
Aluminum (ug/l)



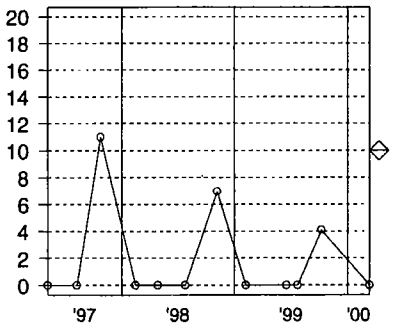
Iron (ug/l)



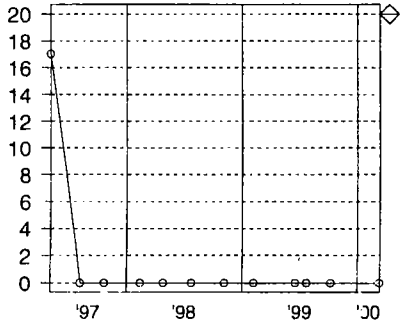
Manganese (ug/l)



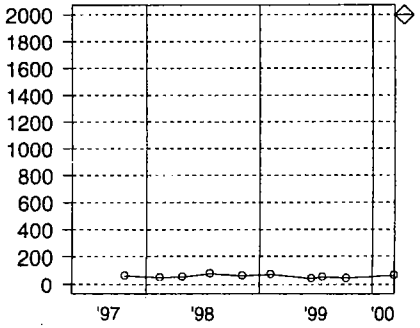
Lead (ug/l)



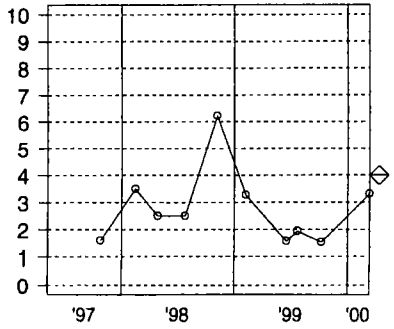
Silver (ug/l)



Barium (ug/l)



Cadmium (ug/l)



SOURCE: 00M2MW01

Sampling Dates:
05/02/1997 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg M-2

Well 1 of 10, Graph

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SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m- .wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
05/02/1997	FMETL	-	-	-	-	-	-	5.60			V,S,P,M
08/06/1997	FMETL	-	-	-	-	-	-	8.15			V,S,P,M
10/23/1997	FMETL	12680	4670	16.9	5020	9040	646	9.30			V,S,P,M
02/11/1998	FMETL	15460	3710	17.9	5520	9290	1917	5.15			V,S,P,M
04/23/1998	FMETL	10090	1739	9.7	5217	6370	785	4.61			V,S,P,M
07/22/1998	FMETL	12600	4100	16.2	8610	10500	640	7.12			V,S,P,M
11/06/1998	FMETL	12200	4330	20.9	5490	11000	1410	9.55			V,S,P,M
02/03/1999	FMETL	18100	4510	23.1	6280	15500	2150	7.02			V,S,P,M
06/15/1999	FMETL	13400	4230	19.4	5980	12800	941	7.64			V,S,P,M
07/20/1999	FMETL	12900	3780	19.1	5820	12800	1310	8.53			V,S,P,M
10/07/1999	FMETL	11400	3890	20.0	6200	11400	836	7.97			V,S,P,M
03/07/2000	FMETL	21400	6560	22.5	5500	13900	2030	6.99			V,S,P,M

SOURCE: 00M2MW01

Sampling Dates:
05/02/1997 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10

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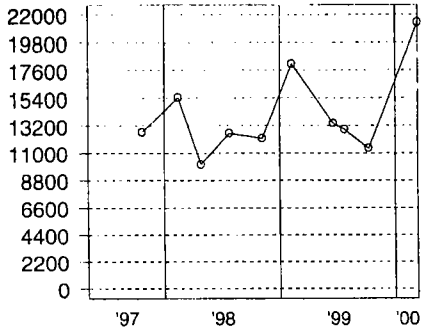
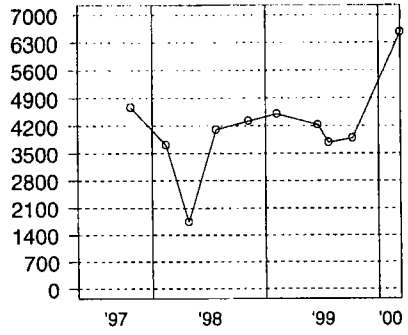
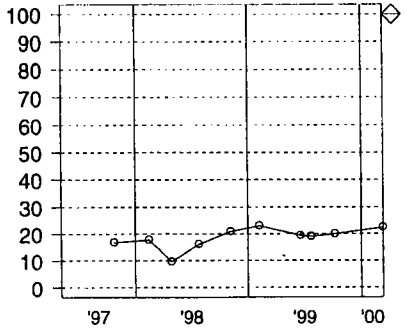
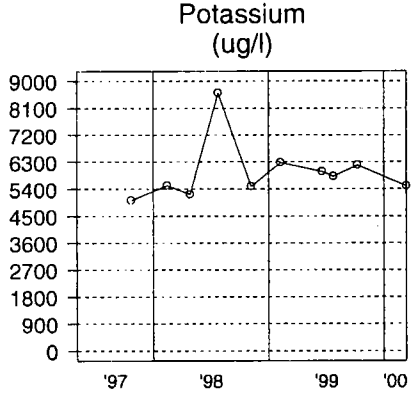
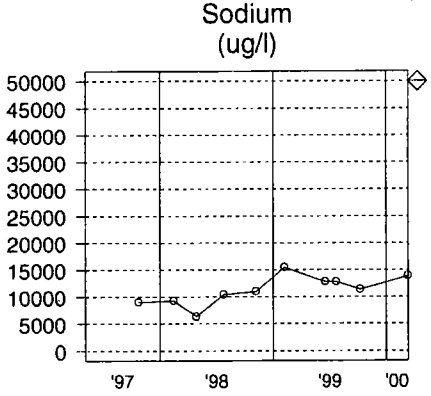
FORT MONMOUTH
SELFM-PW-EV

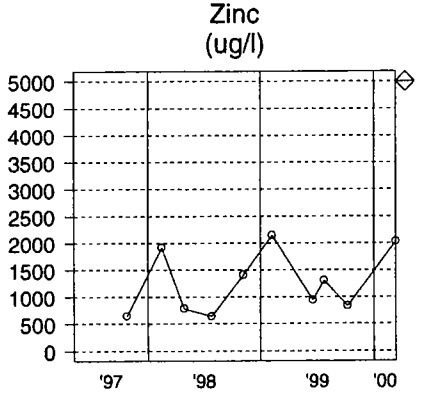


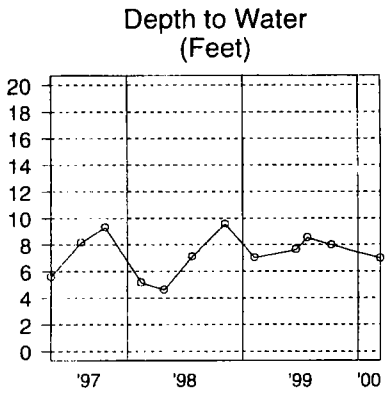












SOURCE: 00M2MW01

Sampling Dates:
05/02/1997 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 1 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm \m2.wsf

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	1,2-Di chloro benzene	1,3-Di chloro benzene	1,4-Di chloro benzene	Aluminum	Iron	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	600	600	75	200	300	-
05/08/1997	FMETL	ND	18	ND	ND	ND	ND	ND	49	35000	V,S,P,M
08/06/1997	FMETL	1.36	18.56	ND	ND	ND	ND	ND	51.7	82680	V,S,P,M
10/23/1997	FMETL	ND	10.9	3.75	ND	ND	ND	ND	107	16200	V,S,P,M
02/11/1998	FMETL	ND	7.39	29.0	17.0	ND	ND	ND	129	22500	V,S,P,M
04/23/1998	FMETL	3.12	24.07	ND	ND	ND	ND	ND	108	76160	V,S,P,M
07/22/1998	FMETL	6.44	36.51	ND	ND	1.35	1.65	4.02	44.7	26800	V,S,P,M
11/06/1998	FMETL	2.73	44	ND	ND	ND	1.37	3.01	48.2	33700	V,S,P,M
02/03/1999	FMETL	5.84	37.3	ND	ND	ND	ND	2.27	ND	50800	V,S,P,M
06/15/1999	FMETL	4.70	22.3	ND	ND	ND	ND	2.78	ND	17000	V,S,P,M
07/20/1999	FMETL	4.39	23.13	ND	ND	1.22	1.26	3.46	29.4	13200	V,S,P,M
10/07/1999	FMETL	1.88	37.17	ND	ND	ND	ND	1.96	ND	31400	V,S,P,M
03/07/2000	FMETL	5.86	69.55	ND	2.88	ND	1.98	4.87	75.5	46200	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/1997 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

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Bldg M-2

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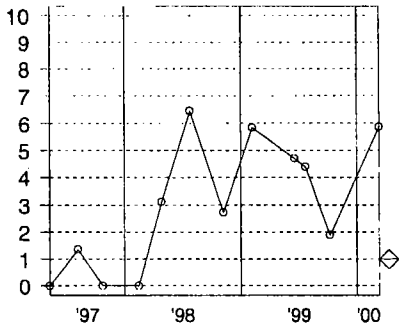
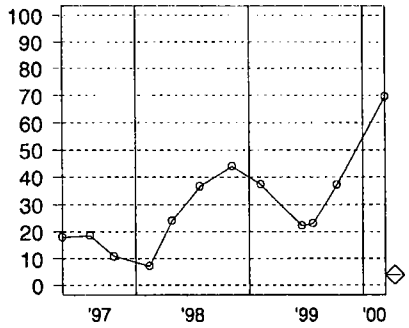
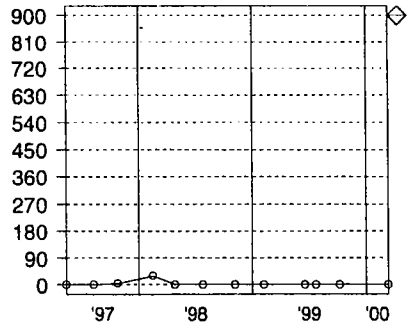
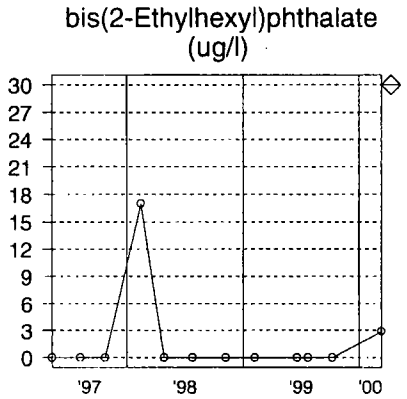
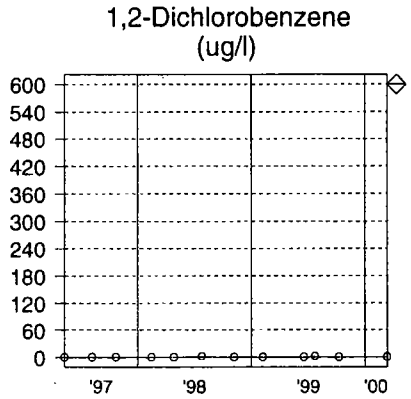
SELFM-PW-EV

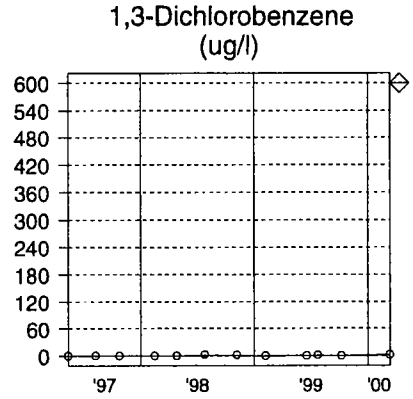


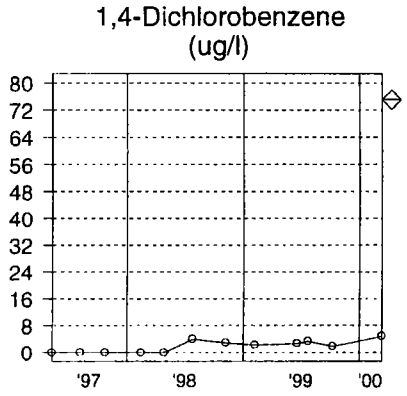


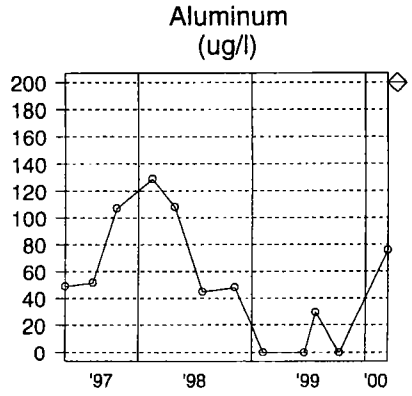


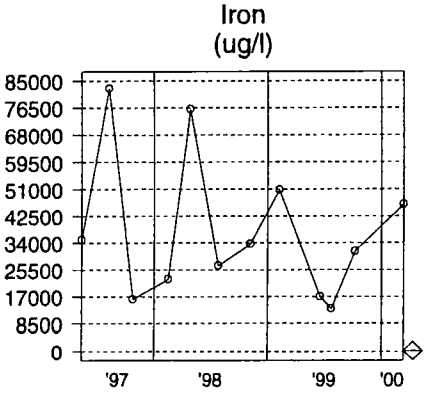












SOURCE: 00M2MW02

Sampling Dates:
05/08/1997 - 03/07/2000

LEGEND:

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Bldg M-2

Well 2 of 10, Graph

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FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ m2.wsf

	Lab	Manganese	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	50	10	20	2000	4	NLE	NLE	100	NLE	-
05/08/1997	FMETL	260	ND	41	-	-	-	-	-	-	V,S,P,M
08/06/1997	FMETL	474	ND	ND	-	-	-	-	-	-	V,S,P,M
10/23/1997	FMETL	145	7.0	ND	120	ND	62570	5470	1.8	6930	V,S,P,M
02/11/1998	FMETL	157	ND	ND	171	ND	66770	5930	3.9	ND	V,S,P,M
04/23/1998	FMETL	282	ND	ND	354	1.1	75020	7788	2.1	24570	V,S,P,M
07/22/1998	FMETL	290	ND	ND	264	ND	88600	8540	2.06	42900	V,S,P,M
11/06/1998	FMETL	262	ND	ND	229	0.913	68300	6650	2.47	10300	V,S,P,M
02/03/1999	FMETL	456	ND	ND	273	ND	81300	9400	2.25	22200	V,S,P,M
06/15/1999	FMETL	254	ND	ND	258	0.968	101000	9140	ND	29000	V,S,P,M
07/20/1999	FMETL	196	3.61	ND	226	0.737	80600	7260	2.27	22900	V,S,P,M
10/07/1999	FMETL	249	ND	ND	214	1.66	75500	6800	2.42	11000	V,S,P,M
03/07/2000	FMETL	445	2.39	ND	341	ND	88500	10600	1.24	13600	V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
05/08/1997 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10

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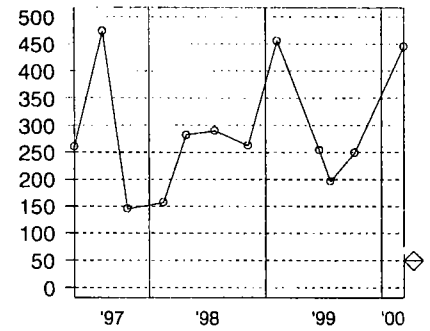

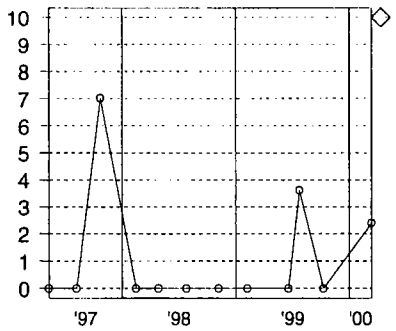

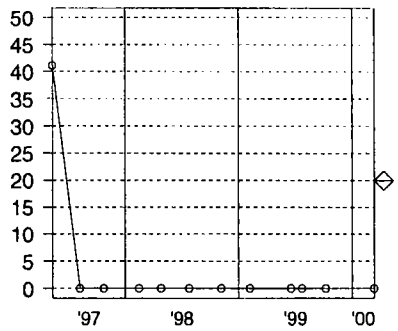

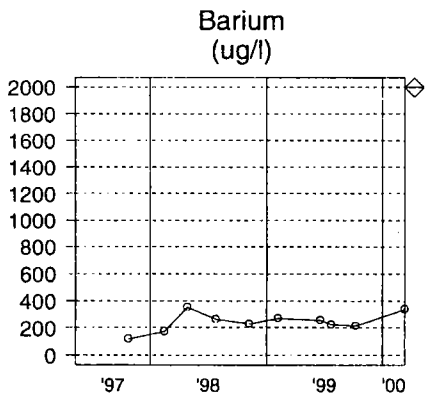

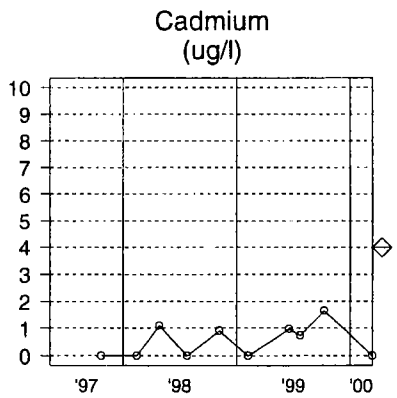

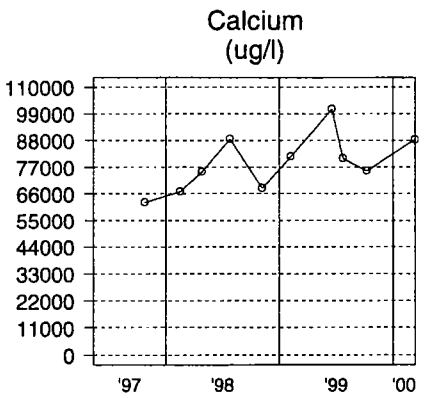

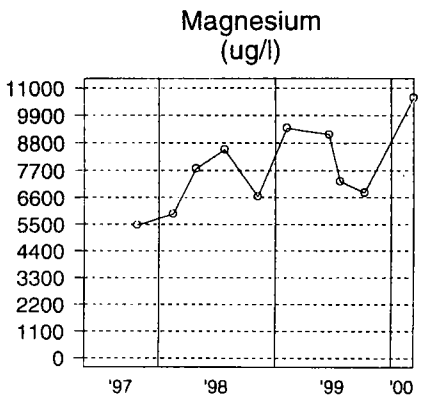

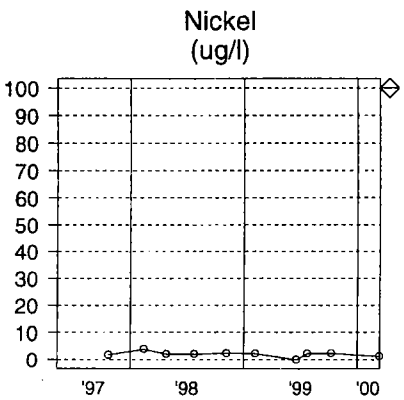

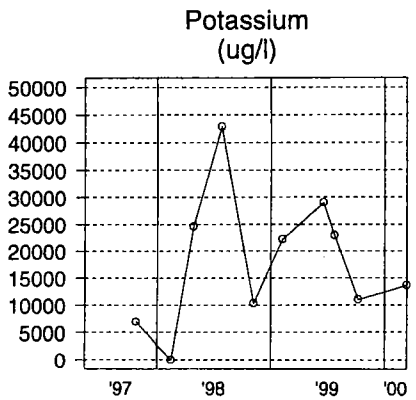

SOURCE: 00M2MW02

Sampling Dates:
05/08/1997 - 03/07/2000

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 2 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m- .wsf

	Lab	Sodium	Zinc	Depth to Water							Notes
Units:	-	ug/l	ug/l	Feet							-
NJDEP Criteria:	-	50000	5000	-							-
05/08/1997	FMETL	-	-	10.2							V,S,P,M
08/06/1997	FMETL	-	-	10.60							V,S,P,M
10/23/1997	FMETL	7820	63	10.90							V,S,P,M
02/11/1998	FMETL	7130	38	9.80							V,S,P,M
04/23/1998	FMETL	11880	7.6	9.84							V,S,P,M
07/22/1998	FMETL	12600	32.4	10.64							V,S,P,M
11/06/1998	FMETL	9910	5.83	10.73							V,S,P,M
02/03/1999	FMETL	17700	22.9	10.02							V,S,P,M
06/15/1999	FMETL	15500	ND	10.67							V,S,P,M
07/20/1999	FMETL	13600	28.4	10.77							V,S,P,M
10/07/1999	FMETL	9500	14.1	10.64							V,S,P,M
03/07/2000	FMETL	8660	44.6	10.41							V,S,P,M

SOURCE: 00M2MW02

Sampling Dates:
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NOTES:

Silver in blank > GW Criteria for May 97.
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SELFM-PW-EV

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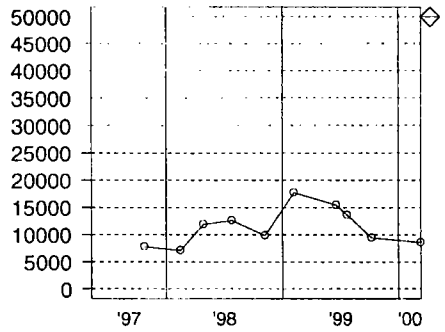

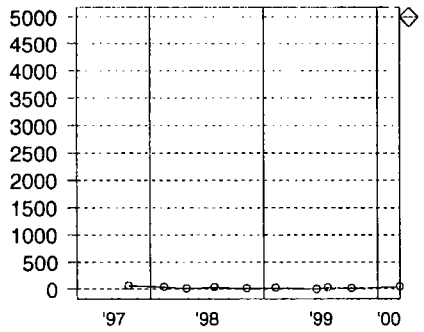

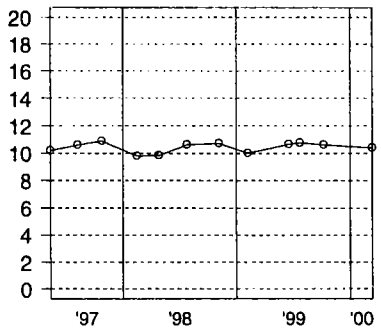

SOURCE: 00M2MW02

Sampling Dates:
05/08/1997 - 03/07/2000

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o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

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Well 2 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\n)2.wsf

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Naphtha lene	1,4-Di chloro benzene	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	30	NLE	75	200	300	50	-
05/02/1997	FMETL	ND	4.69	ND	ND	ND	ND	62	12200	500	V,S,P,M
08/06/1997	FMETL	ND	1.49	2.20	ND	ND	ND	26	9300	511	V,S,P,M
10/23/1997	FMETL	1.31	17.7	4.03	ND	ND	ND	145	10010	427	V,S,P,M
02/11/1998	FMETL	3.78	78.8	39.7	ND	1.76	ND	256	39970	513	V,S,P,M
04/23/1998	FMETL	4.26	107.81	ND	2.44	3.12	ND	58	69260	516	V,S,P,M
07/22/1998	FMETL	ND	10.51	ND	ND	ND	ND	28.5	14500	395	V,S,P,M
11/06/1998	FMETL	1.78	11.9	ND	ND	ND	2.38	66.3	13700	586	V,S,P,M
02/03/1999	FMETL	ND	7.14	ND	ND	ND	ND	531	16500	407	V,S,P,M
06/15/1999	FMETL	ND	4.29	ND	ND	ND	ND	25	13500	412	V,S,P,M
07/20/1999	FMETL	ND	3.68	ND	ND	ND	ND	18.6	16600	464	V,S,P,M
10/07/1999	FMETL	1.59	11.20	ND	ND	ND	1.30	12.4	13000	475	V,S,P,M
03/07/2000	FMETL	ND	3.42	ND	ND	ND	ND	47.6	11400	495	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
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FORT MONMOUTH

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Bldg M-2

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FORT MONMOUTH
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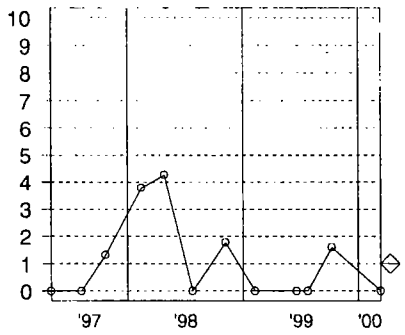

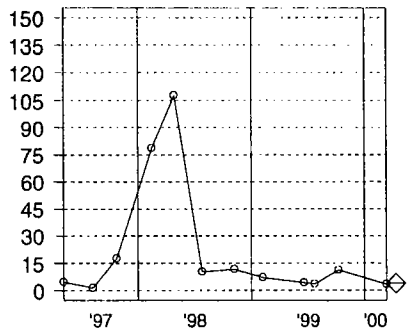

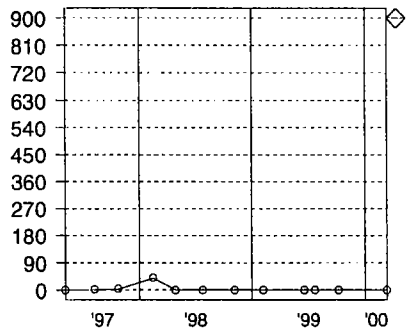

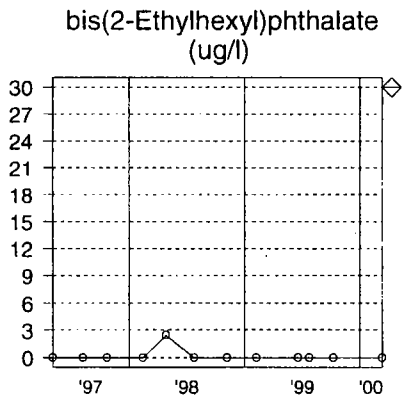

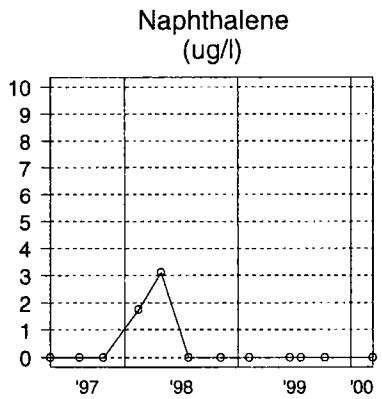

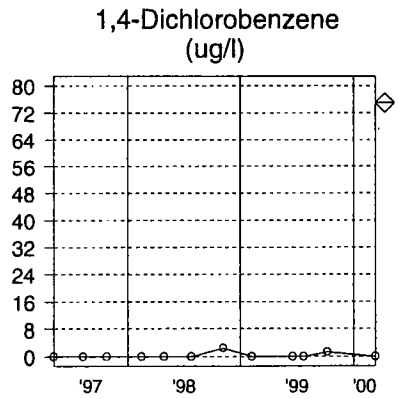

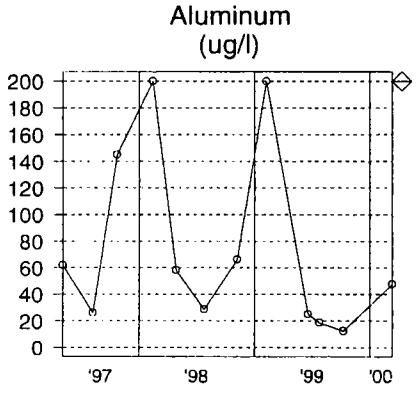

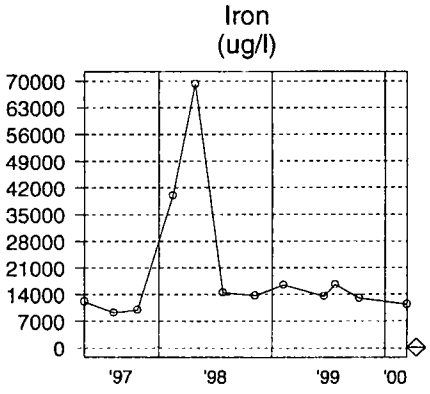

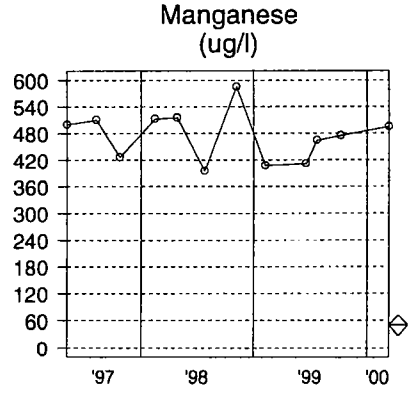

SOURCE: 00M2MW03

Sampling Dates:
05/02/1997 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
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Well 3 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ n2.wsf

	Lab	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	4	NLE	NLE	100	NLE	50000	-
05/02/1997	FMETL	ND	36	-	-	-	-	-	-	-	V,S,P,M
08/06/1997	FMETL	ND	917	-	-	-	-	-	-	-	V,S,P,M
10/23/1997	FMETL	13	ND	47.4	ND	64240	4780	1.7	9120	10300	V,S,P,M
02/11/1998	FMETL	ND	ND	317	ND	154300	11200	6	18580	18180	V,S,P,M
04/23/1998	FMETL	2.8	ND	566	ND	145200	9303	ND	17930	11200	V,S,P,M
07/22/1998	FMETL	ND	ND	86.4	ND	72700	5010	0.566	11900	11600	V,S,P,M
11/06/1998	FMETL	2.83	ND	114	ND	111000	12000	2.88	22100	28600	V,S,P,M
02/03/1999	FMETL	5.02	ND	141	2.83	86500	8750	50.9	13900	15800	V,S,P,M
06/15/1999	FMETL	ND	ND	84.5	0.845	69300	5800	ND	11400	10200	V,S,P,M
07/20/1999	FMETL	5.31	ND	88.1	0.928	66300	5250	1.2	9980	9860	V,S,P,M
10/07/1999	FMETL	ND	ND1	116	1.08	79400	7160	3.41	14100	13500	V,S,P,M
03/07/2000	FMETL	5.83	ND	75.3	ND	71900	5570	3.11	8230	6860	V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/1997 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

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Bldg M-2

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FORT MONMOUTH
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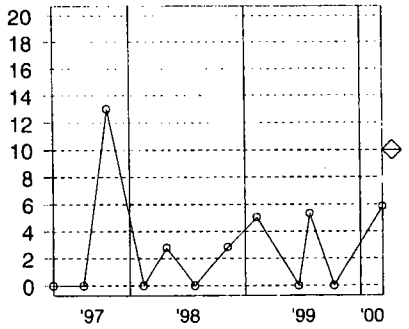

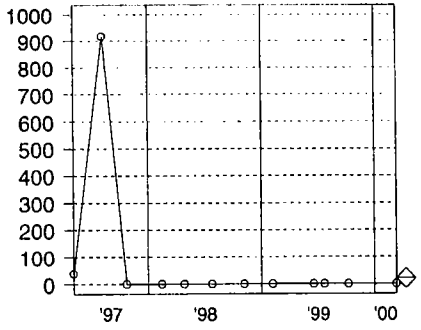

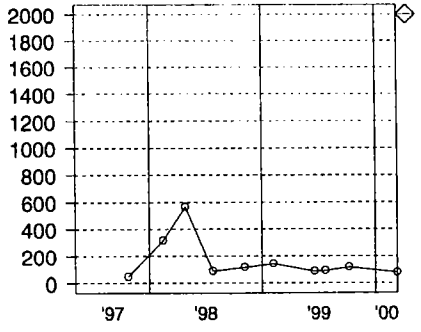

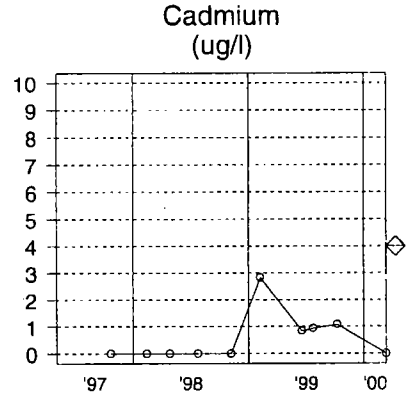

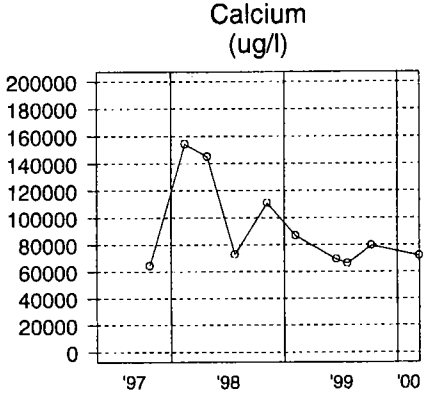

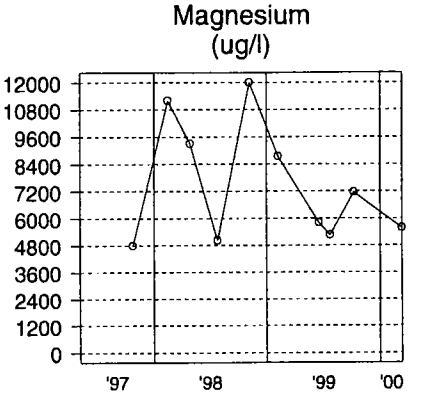

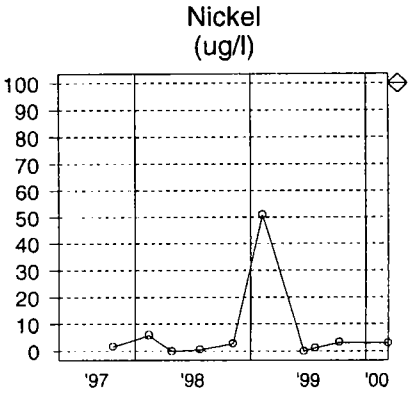

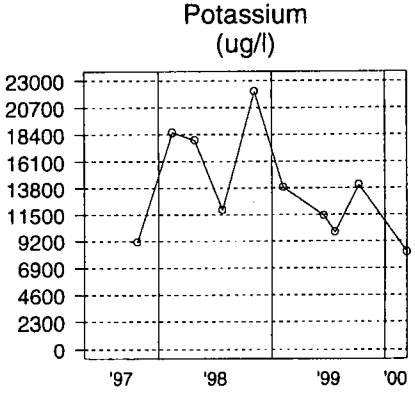

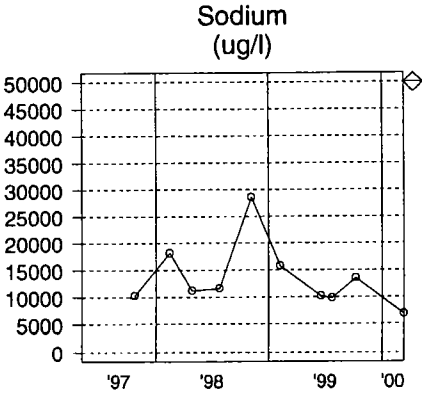

SOURCE: 00M2MW03

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

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FORT MONMOUTH

GW MONITORING
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Well 3 of 10, Graph

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FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\r n2.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
05/02/1997	FMETL	-	7.80								V,S,P,M
08/06/1997	FMETL	-	8.20								V,S,P,M
10/23/1997	FMETL	71	8.60								V,S,P,M
02/11/1998	FMETL	48	7.40								V,S,P,M
04/23/1998	FMETL	ND	7.83								V,S,P,M
07/22/1998	FMETL	31.1	6.67								V,S,P,M
11/06/1998	FMETL	11	8.39								V,S,P,M
02/03/1999	FMETL	433	7.28								V,S,P,M
06/15/1999	FMETL	54.8	8.71								V,S,P,M
07/20/1999	FMETL	64.4	8.61								V,S,P,M
10/07/1999	FMETL	31.8	8.41								V,S,P,M
03/07/2000	FMETL	25.6	8.16								V,S,P,M

SOURCE: 00M2MW03

Sampling Dates:
05/02/1997 - 03/07/2000

NOTES:

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FORT MONMOUTH

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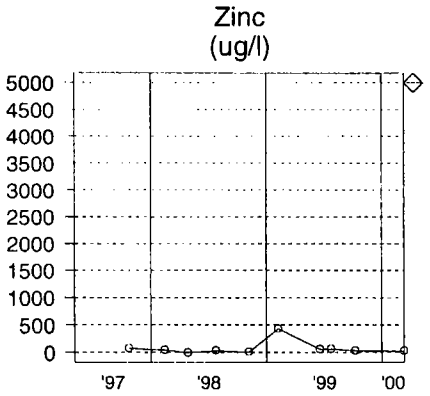
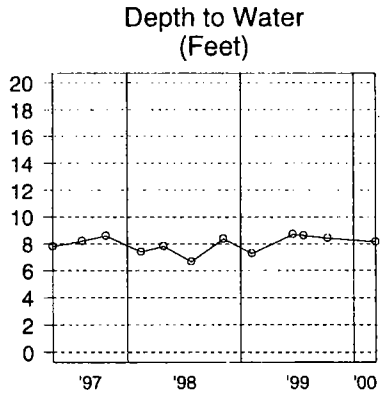
SELFM-PW-EV





SOURCE: 00M2MW03

Sampling Dates:
05/02/1997 - 03/07/2000

LEGEND:

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NJDEP Criteria

FORT MONMOUTH

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FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ n2.wsf

	Lab	Benzene	Chloro benzene	Di-n-butyl phthalate	Naphtha lene	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	1	4	900	NLE	200	300	50	10	2000	-
02/11/1998	FMETL	ND	2.41	28.9	ND	514	30140	534	ND	177	V,S,P,M
04/27/1998	FMETL	ND	ND	ND	ND	ND	17800	757	ND	111	V,S,P,M
07/22/1998	FMETL	ND	1.29	ND	ND	302	26300	3780	ND	131	V,S,P,M
11/06/1998	FMETL	ND	ND	ND	ND	209	23900	180	3.27	132	V,S,P,M
02/03/1999	FMETL	ND	ND	ND	ND	20.3	33300	2010	ND	132	V,S,P,M
06/15/1999	FMETL	ND	ND	ND	1.27	57.6	31300	311	ND	155	V,S,P,M
07/20/1999	FMETL	ND	2.75	ND	ND	52.3	32600	670	16.1	180	V,S,P,M
10/07/1999	FMETL	1.23	5.96	ND	ND	73.6	43000	1160	2.97	227	V,S,P,M
03/07/2000	FMETL	ND	2.38	ND	ND	57.8	33700	312	9.26	195	V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
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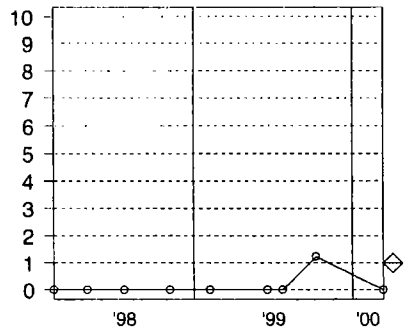
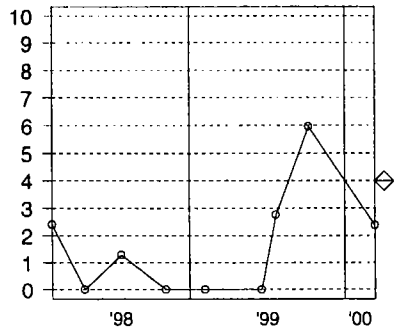
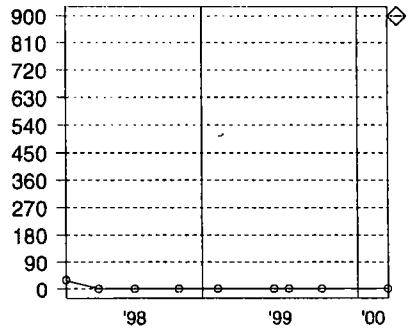
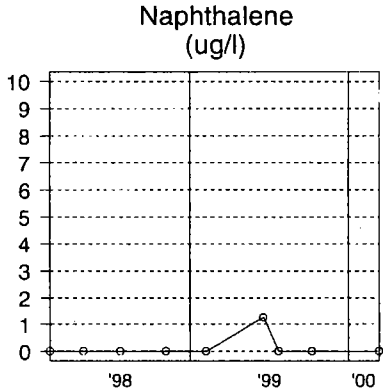
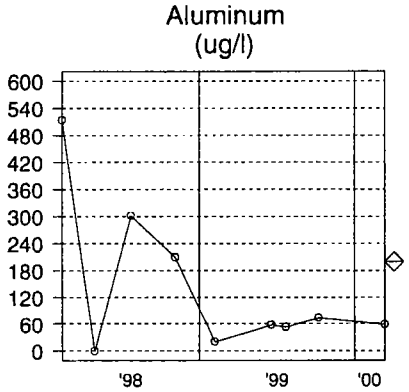
SELFM-PW-EV

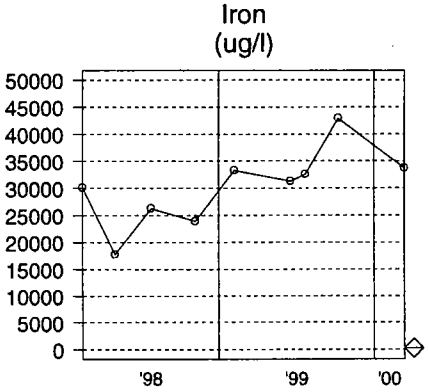


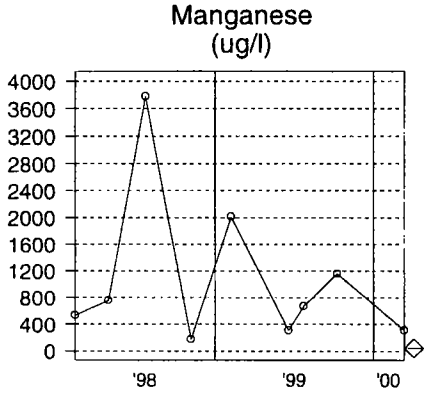


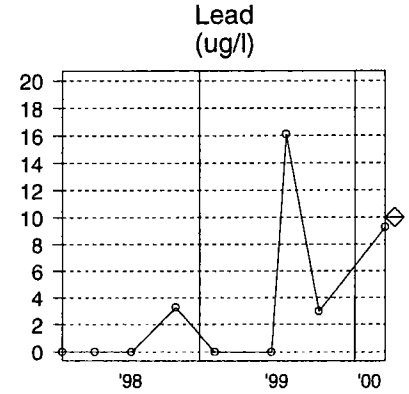


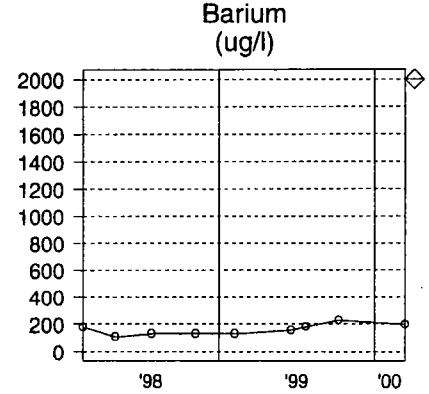












SOURCE: 00M2MW04

Sampling Dates:
02/11/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\r h2.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
02/11/1998	FMETL	ND	5350	6840	4.5	7700	7540	39	8.80		V,S,P,M
04/27/1998	FMETL	ND	33070	5041	3.5	7929	8592	38.9	8.49		V,S,P,M
07/22/1998	FMETL	ND	33700	3780	1.81	7670	8500	41.6	9.42		V,S,P,M
11/06/1998	FMETL	1.47	36300	5230	4.16	7470	8050	51.3	10.33		V,S,P,M
02/03/1999	FMETL	1.38	45600	4220	4.41	7140	9840	68.4	8.96		V,S,P,M
06/15/1999	FMETL	0.873	34000	3770	ND	6950	8040	18.8	9.62		V,S,P,M
07/20/1999	FMETL	2.32	40200	4790	7.86	7270	8330	114	9.91		V,S,P,M
10/07/1999	FMETL	1.87	52200	6160	4.21	8250	8710	41.2	9.72		V,S,P,M
03/07/2000	FMETL	ND	34700	3710	1.71	6010	5260	18.5	9.34		V,S,P,M

SOURCE: 00M2MW04

Sampling Dates:
02/11/1998 - 03/07/2000

NOTES:

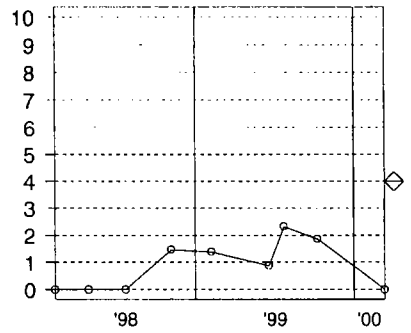
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

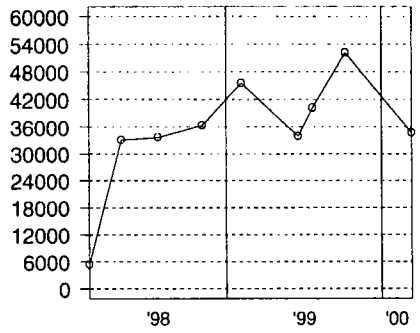
FORT MONMOUTH

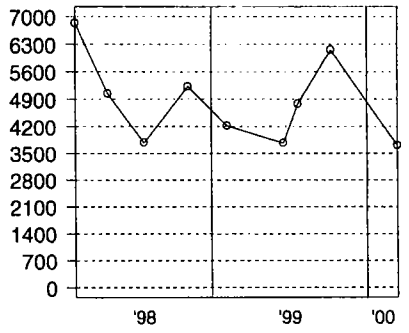
GW MONITORING
Bldg M-2

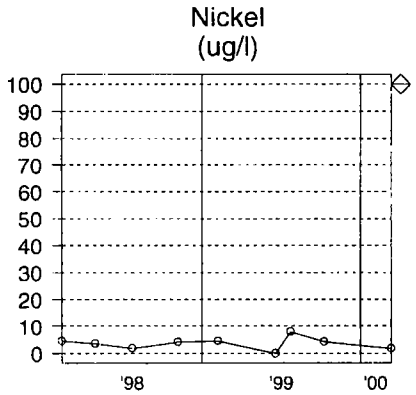
Well 4 of 10

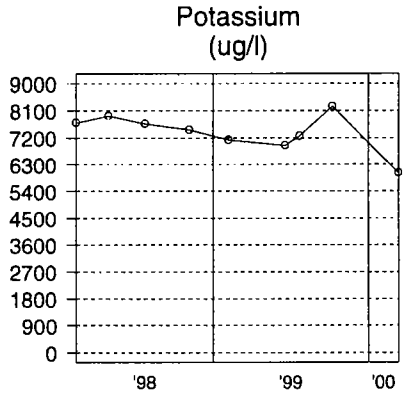
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

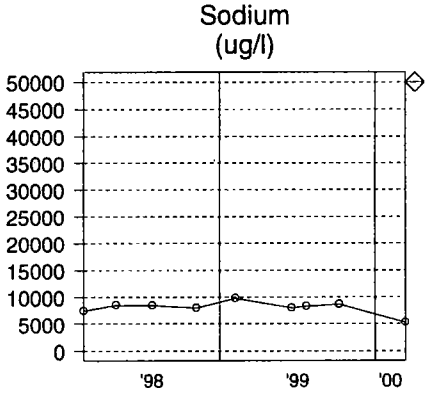


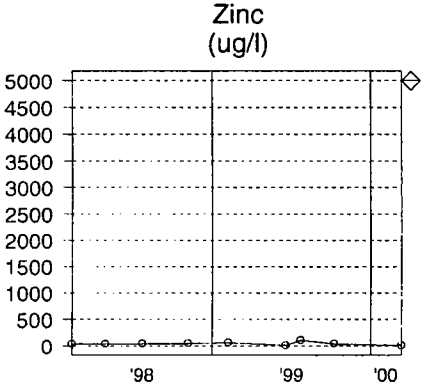


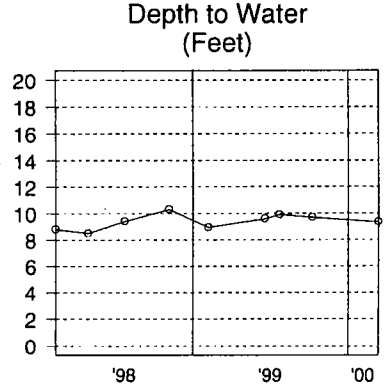












SOURCE: 00M2MW04

Sampling Dates:
02/11/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 4 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\n 12.wsf

	Lab	Acetone	2-But anone	Di-n-butyl phthalate	bis(2-ethyl hexyl phthalate	Aluminum	Iron	Manganese	Lead	Barium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	900	30	200	300	50	10	2000	-
10/19/1998	FMETL	ND	9.29	ND	ND	1080	15800	34.2	4.09	35.8	V,S,P,M
11/02/1998	FMETL	5.49	3.19	ND	ND	4860	29900	45.5	15.3	65.4	V,S,P,M
02/03/1999	FMETL	ND	ND	1.58	40.9	633	35300	48.2	4.62	171	V,S,P,M
06/15/1999	FMETL	ND	ND	ND	ND	2040	72000	41.5	7.58	419	V,S,P,M
07/20/1999	FMETL	ND	ND	ND	ND	1360	45800	38.1	4.71	243	V,S,P,M
10/07/1999	FMETL	ND	ND	ND	ND	1590	28300	36.5	4.59	115	V,S,P,M
03/07/2000	FMETL	ND	ND	ND	ND	370	74400	43.2	5.24	309	V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

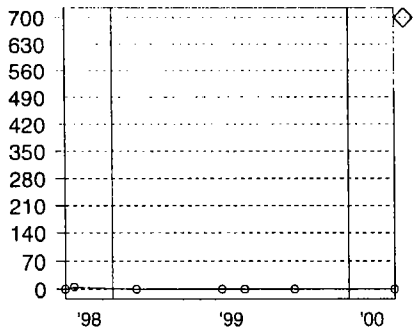
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

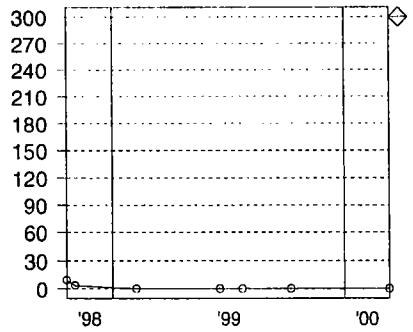
FORT MONMOUTH

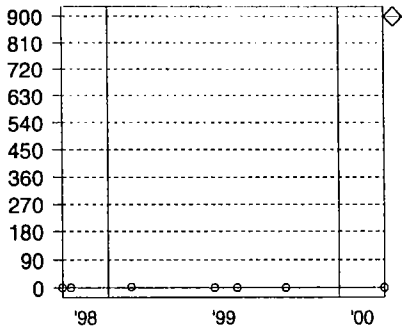
GW MONITORING
Bldg M-2

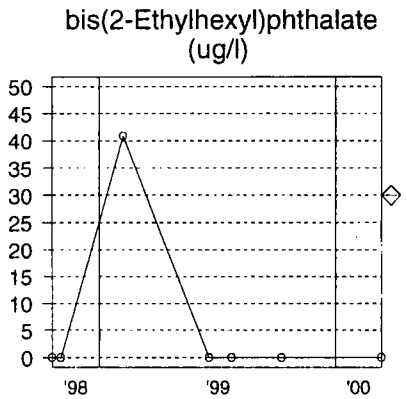
Well 5 of 10

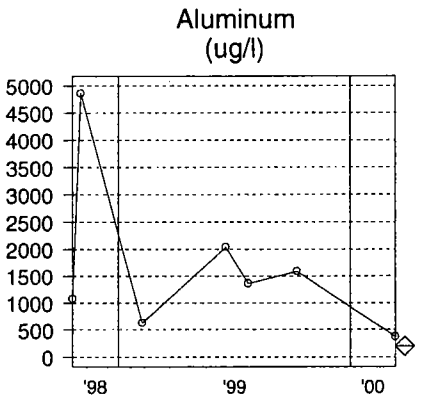
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

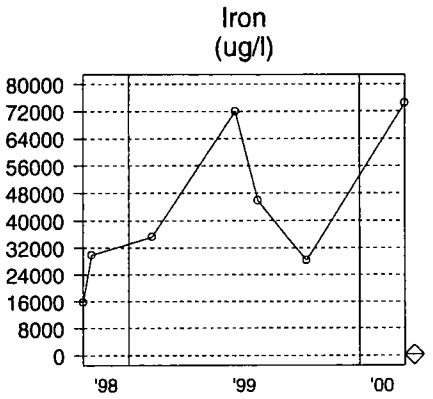


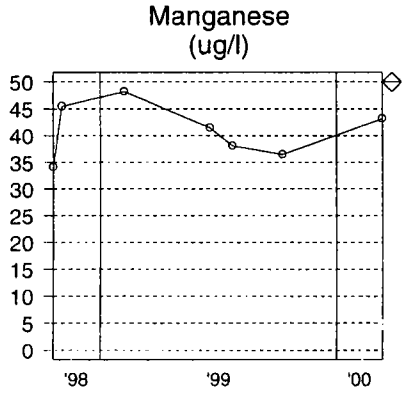


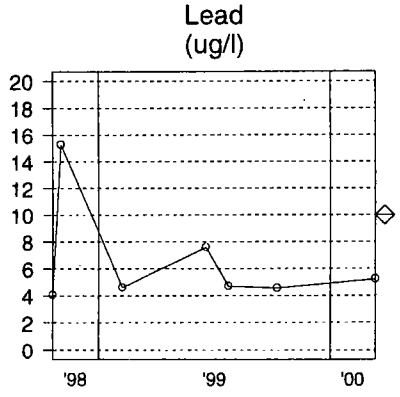


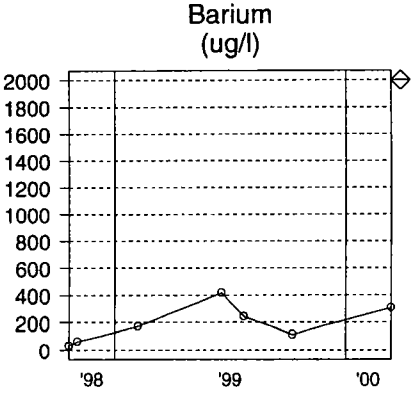












SOURCE: 00M2MW05

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ n2.wsf

	Lab	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	4	NLE	NLE	100	NLE	50000	5000	-		-
10/19/1998	FMETL	ND	14300	2660	6.31	6550	5070	16.4	6.84		V,S,P,M
11/02/1998	FMETL	ND	15200	4270	13.7	10200	4830	53.5	6.84		V,S,P,M
02/03/1999	FMETL	2.05	13800	1970	3.3	4630	6910	43.4	6.14		V,S,P,M
06/15/1999	FMETL	1.88	16100	2780	1.72	6720	5340	32.7	6.75		V,S,P,M
07/20/1999	FMETL	1.81	14900	2570	2.59	5910	5050	22.0	6.89		V,S,P,M
10/07/1999	FMETL	2.10	15000	2760	5.44	6510	4970	31.7	6.65		V,S,P,M
03/07/2000	FMETL	ND	15600	2460	2.61	4450	3290	26.7	6.45		V,S,P,M

SOURCE: 00M2MW05

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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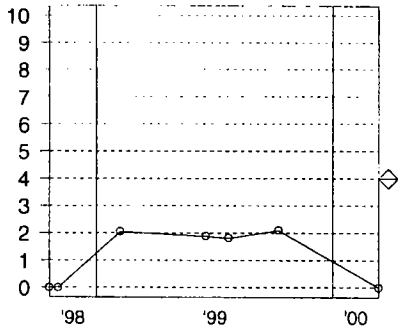
FORT MONMOUTH

GW MONITORING
Bldg M-2

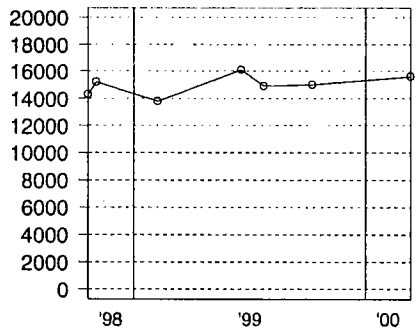
Well 5 of 10

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

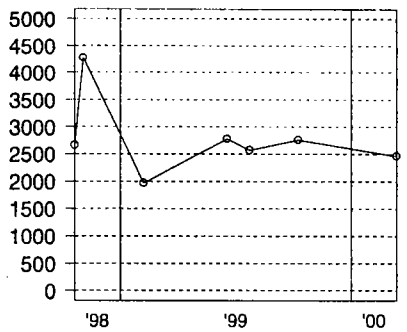
Cadmium
(ug/l)



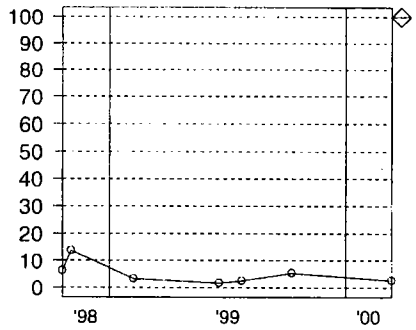
Calcium
(ug/l)



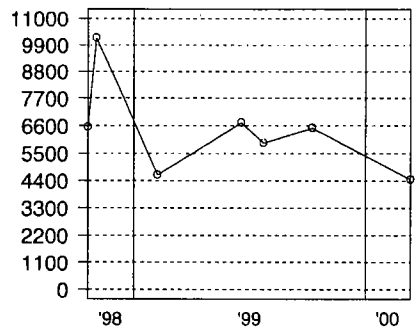
Magnesium
(ug/l)



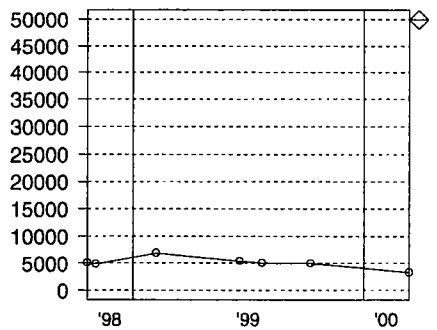
Nickel
(ug/l)



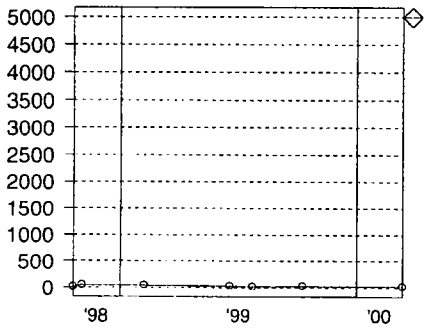
Potassium
(ug/l)



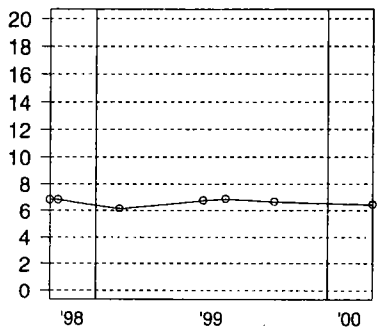
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



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Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 5 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m-[illegible].wsf

	Lab	Acetone	Chloro benzene	2-But anone	Arochlor 1016	Arochlor 1260	Aluminum	Iron	Manganese	Lead	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	4	300	0.50	0.50	200	300	50	10	-
10/19/1998	FMETL	ND	1.36	8.86	0.865	ND	1240	16500	72.5	22.4	V,S,P,M
11/02/1998	FMETL	7.45	ND	4.65	2.26	ND	10300	43500	92.7	90.5	V,S,P,M
02/03/1999	FMETL	ND	ND	ND	0.611	ND	1330	50700	138	13.6	V,S,P,M
06/15/1999	FMETL	ND	ND	ND	ND	ND	749	38100	55.0	6.26	V,S,P,M
07/20/1999	FMETL	ND	ND	ND	ND	0.581	992	36700	59.6	9.72	V,S,P,M
10/07/1999	FMETL	ND	ND	ND	ND	ND	616	26100	52.4	6.95	V,S,P,M
03/07/2000	FMETL	ND	ND	ND	ND	ND	753	45000	247	ND	V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

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FORT MONMOUTH

GW MONITORING
Bldg M-2

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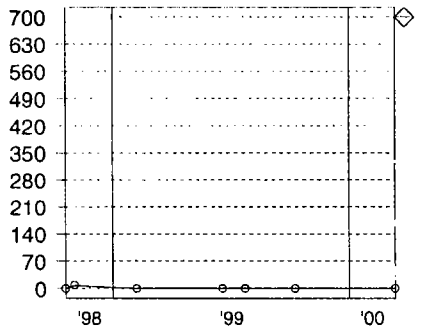
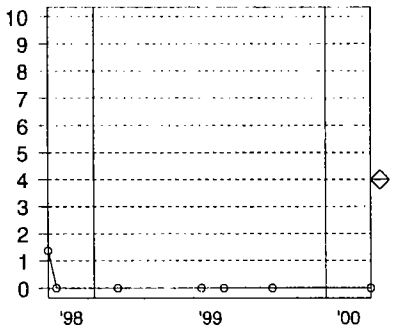
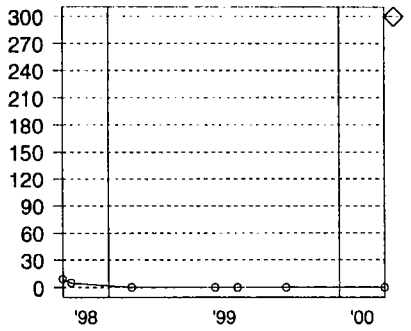
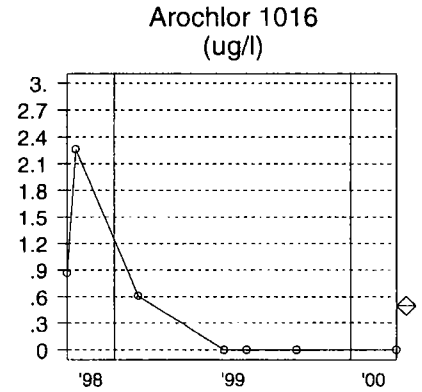
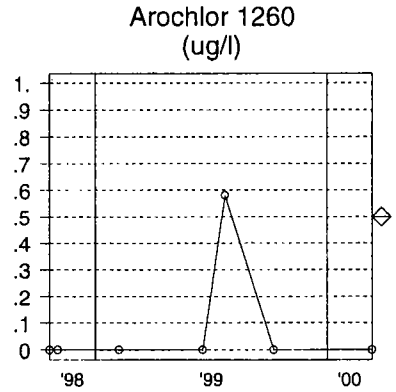
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

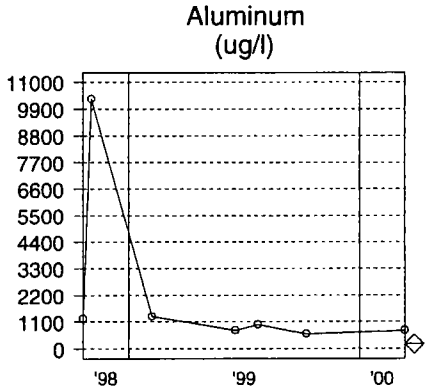


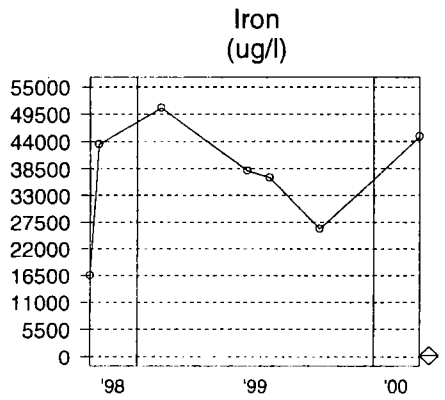


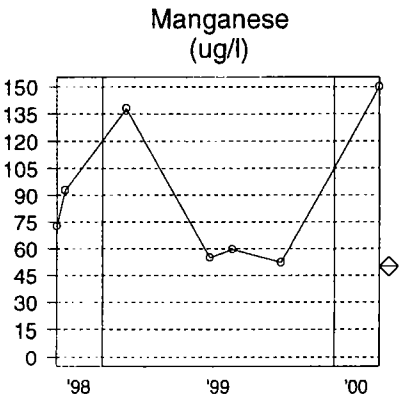


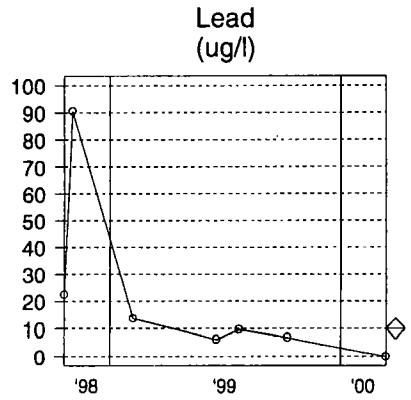












SOURCE: 00M2MW06

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m-[illegible].wsf

	Lab	Barium	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water		Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet		-
NJDEP Criteria:	-	2000	NLE	NLE	100	NLE	50000	5000	-		-
10/19/1998	FMETL	102	48700	4970	3.62	7660	6970	83.5	9.12		V,S,P,M
11/02/1998	FMETL	175	49100	8030	18.9	15100	8090	392	9.12		V,S,P,M
02/03/1999	FMETL	185	54000	5620	5.53	7000	8620	100	8.18		V,S,P,M
06/15/1999	FMETL	175	40300	4710	ND	6470	7190	33.6	8.79		V,S,P,M
07/20/1999	FMETL	128	39300	4830	2.31	6380	7200	51.7	9.08		V,S,P,M
10/07/1999	FMETL	90.3	40800	4810	3.32	6430	6990	47.0	8.74		V,S,P,M
03/07/2000	FMETL	189	41600	14100	ND	5490	4540	11.3	8.64		V,S,P,M

SOURCE: 00M2MW06

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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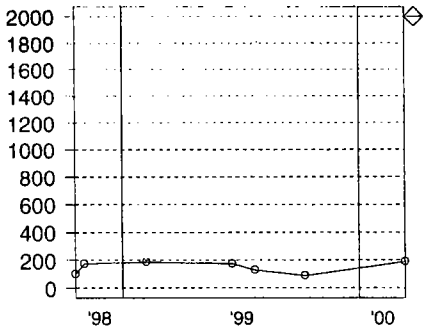
FORT MONMOUTH

GW MONITORING
Bldg M-2

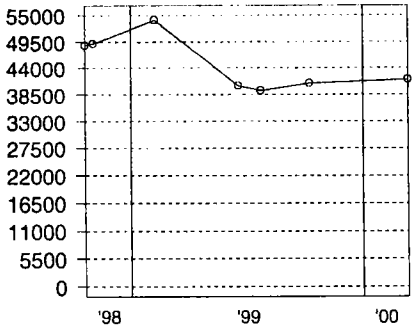
Well 6 of 10

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

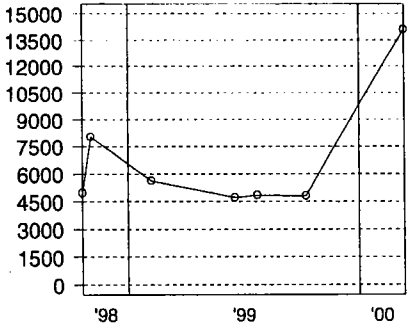
Barium
(ug/l)



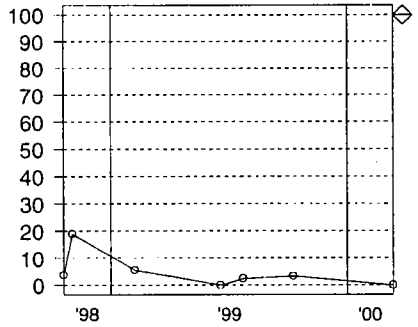
Calcium
(ug/l)



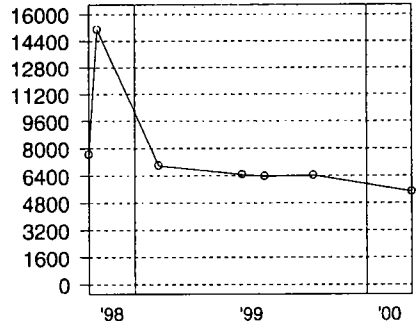
Magnesium
(ug/l)



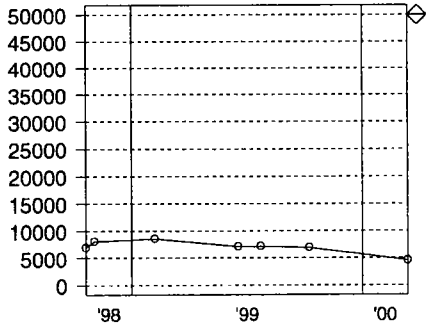
Nickel
(ug/l)



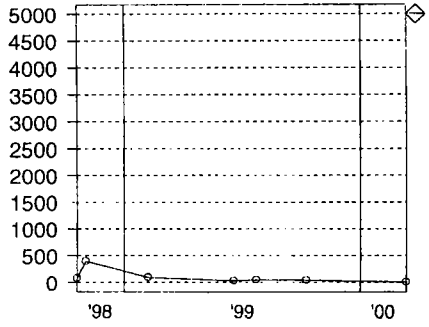
Potassium
(ug/l)



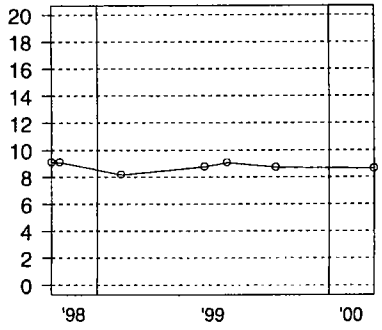
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M2MW06

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 6 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m 2.wsf

	Lab	Acetone	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/1998	FMETL	ND	11.29	1480	14800	94.8	13	96.6	ND	51700	V,S,P,M
11/02/1998	FMETL	6.63	5.45	3870	23800	82.2	16.4	107	2.36	51000	V,S,P,M
02/03/1999	FMETL	ND	ND	433	41800	79.6	3.41	103	1.94	48300	V,S,P,M
06/15/1999	FMETL	ND	ND	780	71900	80.3	ND	209	1.96	51200	V,S,P,M
07/20/1999	FMETL	ND	11.10	1150	19800	70.1	4.93	89.7	1.29	49700	V,S,P,M
10/07/1999	FMETL	ND	ND	1680	35100	81.7	4.53	119	1.67	52600	V,S,P,M
03/07/2000	FMETL	ND	ND	248	118000	156	ND	339	ND	56600	V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

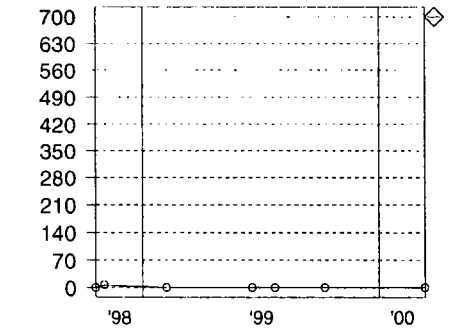
Silver in blank > GW Criteria for May 97.
Page 1 of 2.

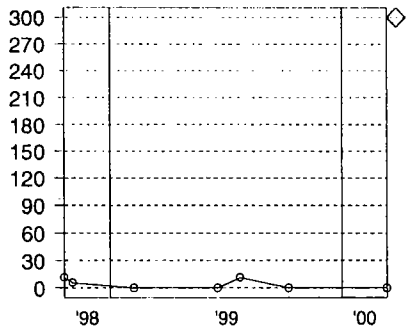
FORT MONMOUTH

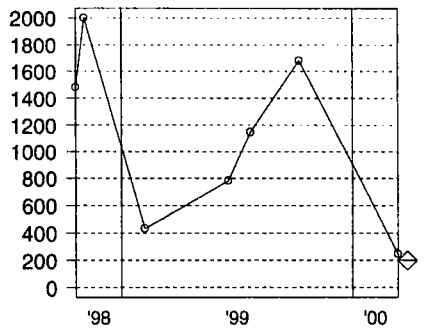
GW MONITORING
Bldg M-2

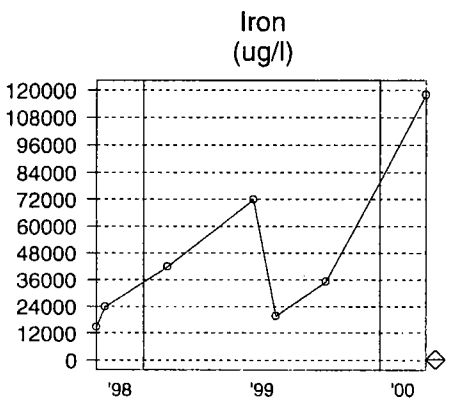
Well 7 of 10

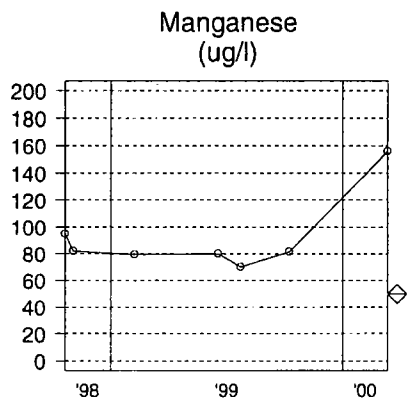
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

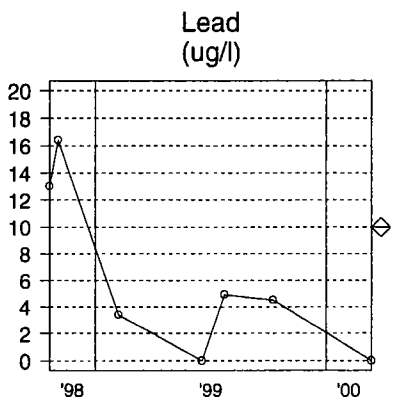


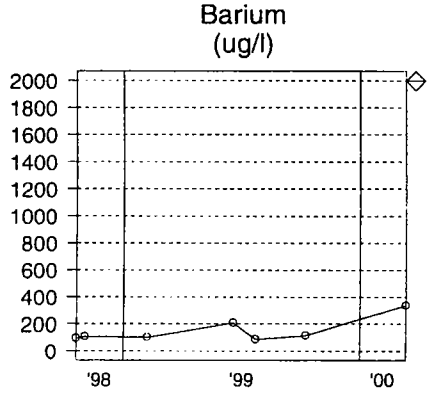


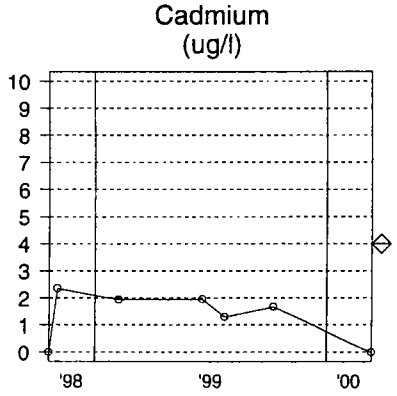


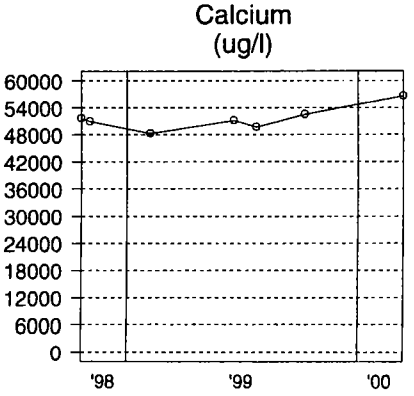












SOURCE: 00M2MW07

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ m2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/1998	FMETL	6010	8.01	7310	13500	93.8	7.61				V,S,P,M
11/02/1998	FMETL	6450	12	8570	8650	144	7.61				V,S,P,M
02/03/1999	FMETL	5240	2.46	5260	9530	70.1	6.66				V,S,P,M
06/15/1999	FMETL	5660	ND	5890	8800	28.0	7.31				V,S,P,M
07/20/1999	FMETL	5740	0.999	5480	9750	28.0	7.61				V,S,P,M
10/07/1999	FMETL	5900	4.09	6050	18700	74.1	7.24				V,S,P,M
03/07/2000	FMETL	5760	6.52	4560	5780	26.5	7.15				V,S,P,M

SOURCE: 00M2MW07

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

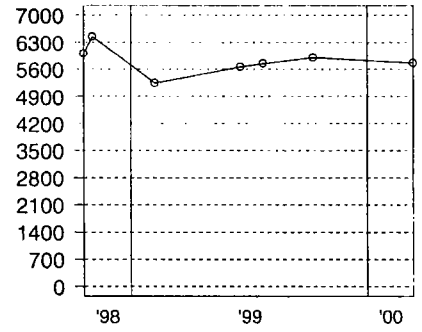
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

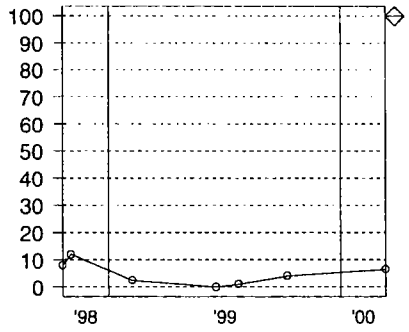
FORT MONMOUTH

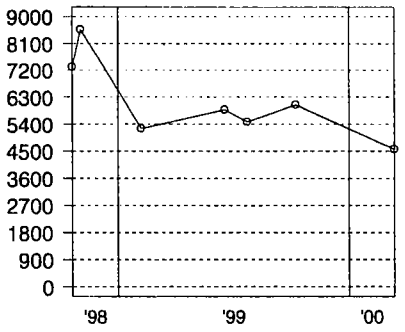
GW MONITORING
Bldg M-2

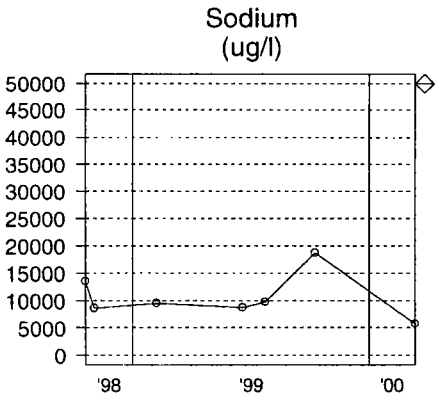
Well 7 of 10

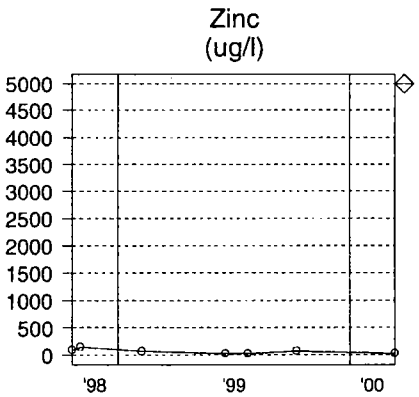
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

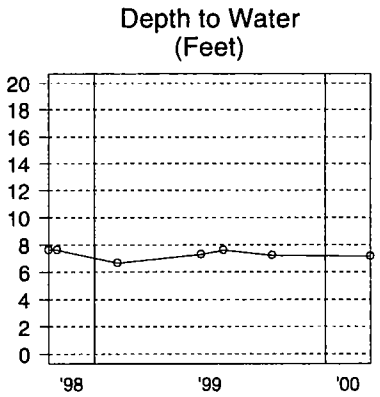












SOURCE: 00M2MW07

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 7 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ n2.wsf

	Lab	Acetone	Benzene	2-But anone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	300	200	300	50	10	2000	4	-
10/19/1998	FMETL	17.89	7.46	86.82	1490	18400	55.1	11	72.6	ND	V,S,P,M
11/02/1998	FMETL	11.27	5.88	28.18	8250	46100	69.9	45	87.2	ND	V,S,P,M
02/03/1999	FMETL	ND	5.56	ND	1350	76500	61.7	5.57	136	1.16	V,S,P,M
06/15/1999	FMETL	ND	4.13	ND	3630	142000	74.6	13.5	562	4.14	V,S,P,M
07/20/1999	FMETL	ND	2.66	ND	1560	37200	56.5	10.6	120	0.925	V,S,P,M
10/07/1999	FMETL	ND	ND	ND	935	32500	55.5	6.65	98.5	1.46	V,S,P,M
03/07/2000	FMETL	ND	ND	ND	616	73100	56.5	3.37	197	ND	V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

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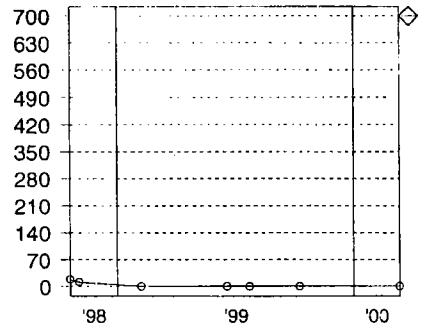
Page 1 of 2.

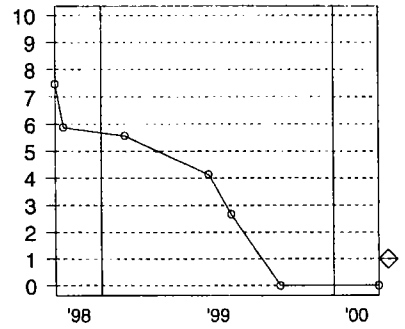
FORT MONMOUTH

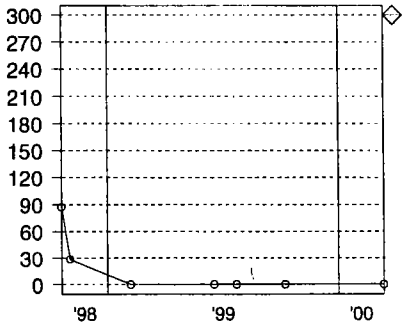
GW MONITORING
Bldg M-2

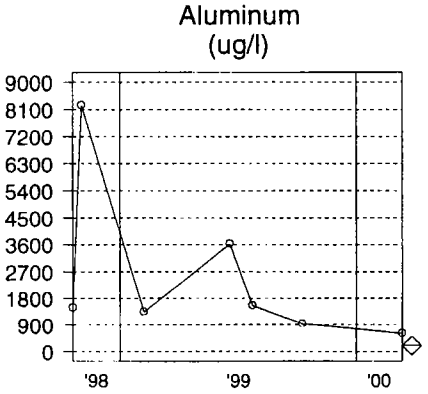
Well 8 of 10

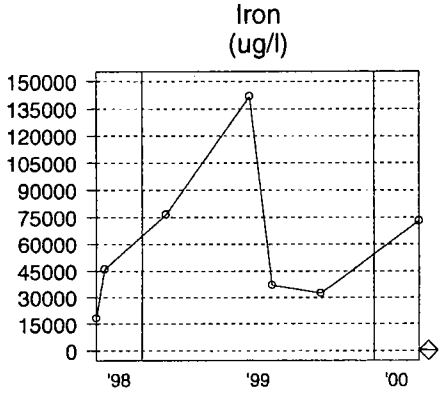
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

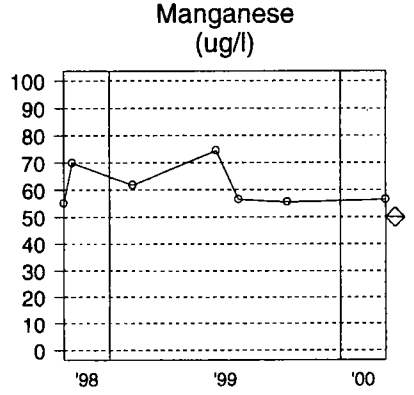


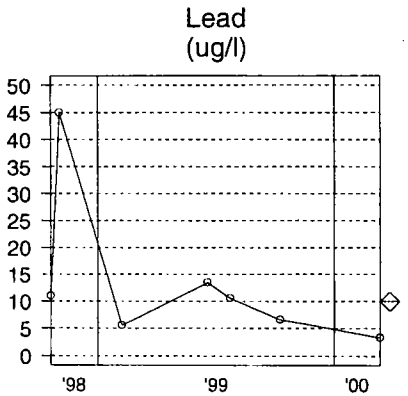


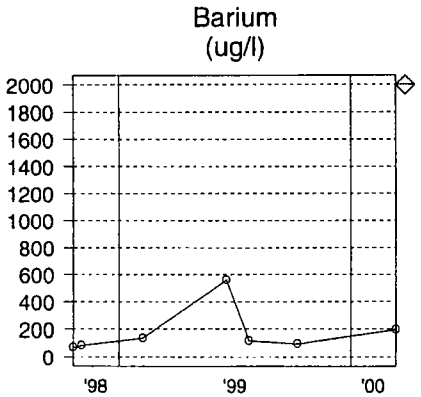


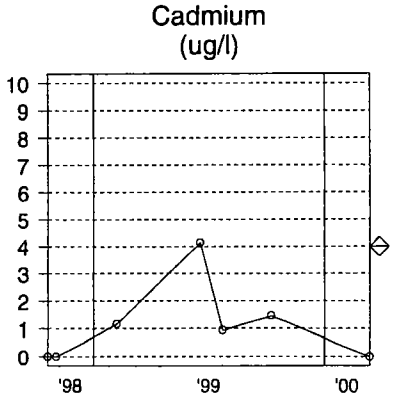












SOURCE: 00M2MW08

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 8 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\ n2.wsf

	Lab	Calcium	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water			Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	Feet			-
NJDEP Criteria:	-	NLE	NLE	100	NLE	50000	5000	-			-
10/19/1998	FMETL	40000	5200	5.21	9010	7560	32.5	7.48			V,S,P,M
11/02/1998	FMETL	42700	8600	10.5	19100	8240	95.3	7.48			V,S,P,M
02/03/1999	FMETL	39400	4460	3.71	7260	8690	96.4	6.46			V,S,P,M
06/15/1999	FMETL	44800	5910	ND	10300	7820	34.5	7.22			V,S,P,M
07/20/1999	FMETL	39700	5220	2.13	8020	7890	28.6	7.51			V,S,P,M
10/07/1999	FMETL	41500	5090	4.70	7760	8040	32.9	7.29			V,S,P,M
03/07/2000	FMETL	39500	4750	2.5	6100	4770	21.7	6.92			V,S,P,M

SOURCE: 00M2MW08

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

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FORT MONMOUTH
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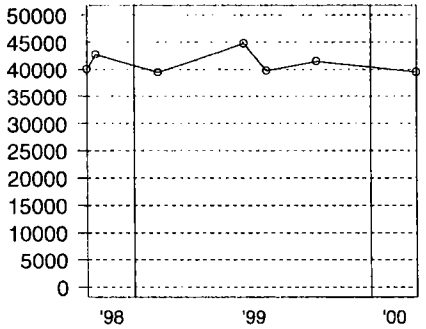
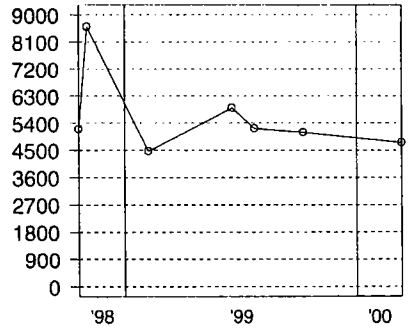
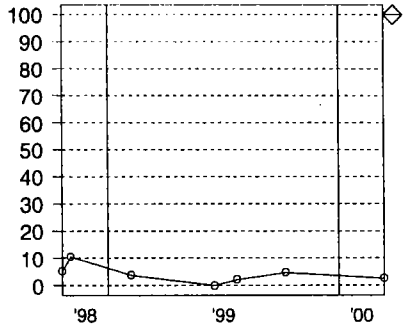
Calcium
(ug/l)



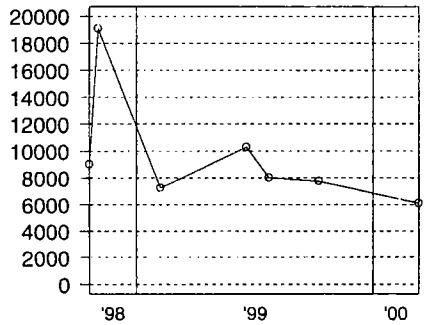
Magnesium
(ug/l)



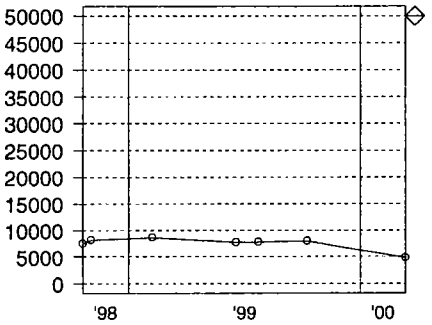
Nickel
(ug/l)



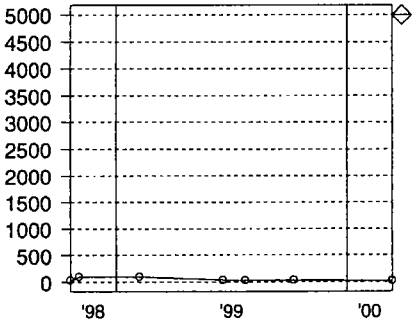
Potassium
(ug/l)



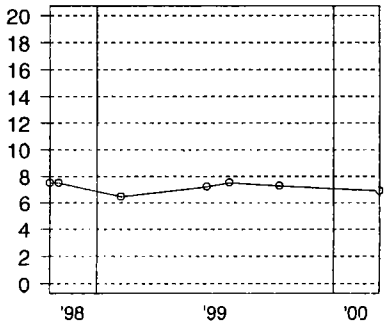
Sodium
(ug/l)



Zinc
(ug/l)



Depth to Water
(Feet)



SOURCE: 00M2MW08

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m- .wsf

	Lab	Acetone	Benzene	Chloro benzene	2-But anone	Arochlor 1016	Arochlor 1254	Aluminum	Iron	Manganese	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	1	4	300	0.50	0.50	200	300	50	-
10/19/1998	FMETL	6.3	538.24	ND	5.47	0.70	3.85	455	10400	1920	V,S,P,M
11/02/1998	FMETL	6.22	205.68	ND	3.19	0.26	1.47	7880	36100	1560	V,S,P,M
02/03/1999	FMETL	ND	263.2	1.99	ND	0.244	1.187	3250	30900	4260	V,S,P,M
06/15/1999	FMETL	ND	23.39	ND	ND	ND	ND	32300	99300	1430	V,S,P,M
07/20/1999	FMETL	ND	14.32	ND	ND	ND	1.456	5850	24900	1200	V,S,P,M
10/07/1999	FMETL	ND	3.91	ND	ND	ND	ND	5000	27500	1460	V,S,P,M
03/07/2000	FMETL	ND	2.21	ND	ND	ND	ND	2850	15200	1310	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

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Bldg M-2

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FORT MONMOUTH
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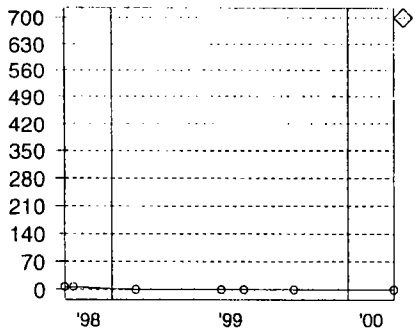

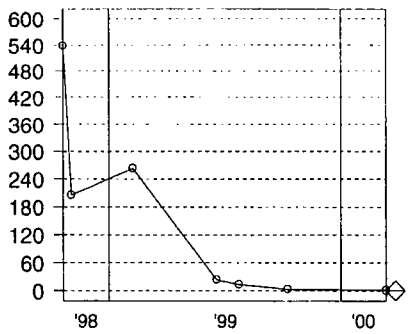

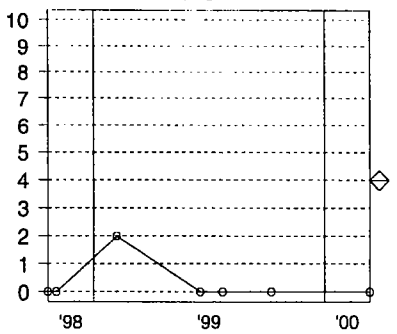

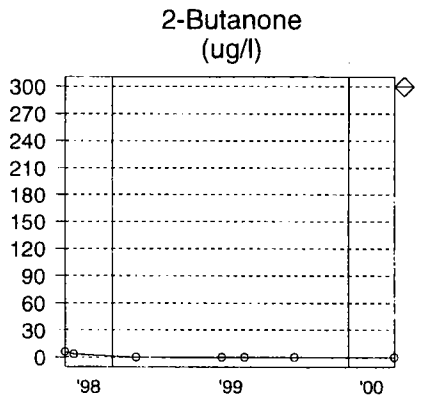

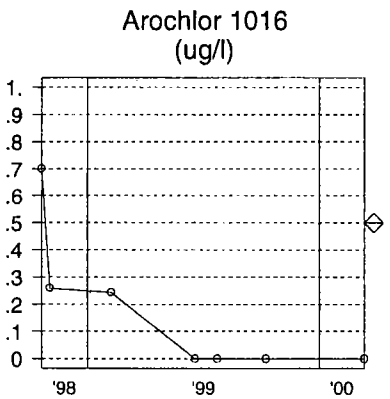

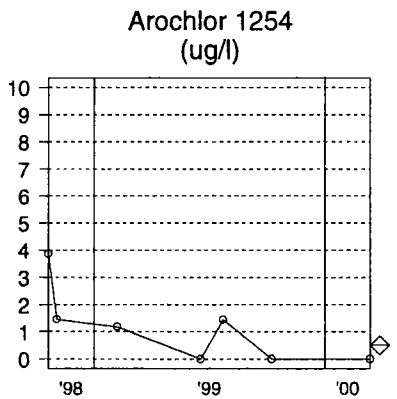

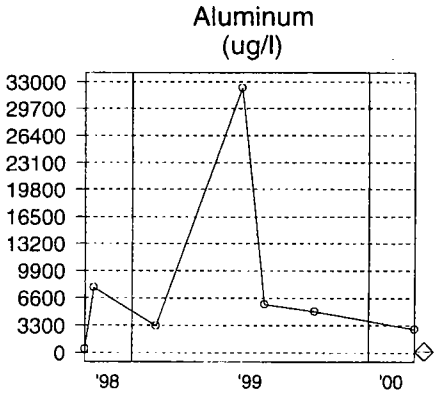

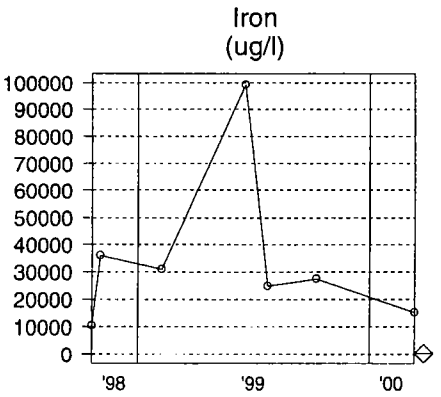

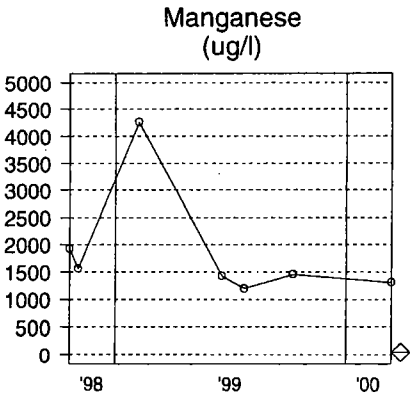

SOURCE: 00M2MW09

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

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NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\m m2.wsf

	Lab	Lead	Silver	Barium	Cadmium	Calcium	Magnesium	Nickel	Potassium	Sodium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	10	20	2000	4	NLE	NLE	100	NLE	50000	-
10/19/1998	FMETL	7	ND	87	ND	68200	5650	1.1	8290	7600	V,S,P,M
11/02/1998	FMETL	41.6	ND	146	0.987	56200	7540	14.2	16000	7580	V,S,P,M
02/03/1999	FMETL	13.1	ND	178	4.49	99300	7820	9.7	10600	10500	V,S,P,M
06/15/1999	FMETL	95.9	4.90	279	15.2	57900	14100	46.8	31600	7280	V,S,P,M
07/20/1999	FMETL	20.5	ND	104	2.93	50700	6210	10.2	10100	7300	V,S,P,M
10/07/1999	FMETL	29.3	ND	131	5.64	53600	5590	16.7	8730	7230	V,S,P,M
03/07/2000	FMETL	11.2	ND	77.5	1.65	46000	5260	7.5	6860	4560	V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
10/19/1998 - 03/07/2000

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FORT MONMOUTH

GW MONITORING
Bldg M-2

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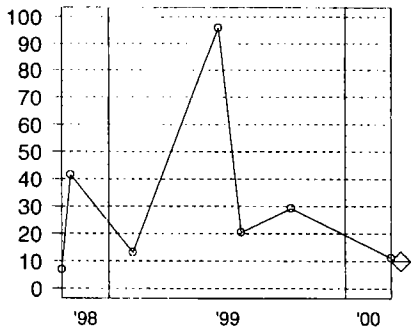
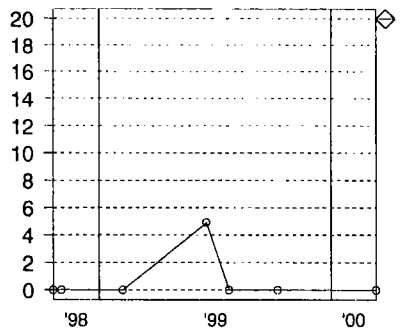
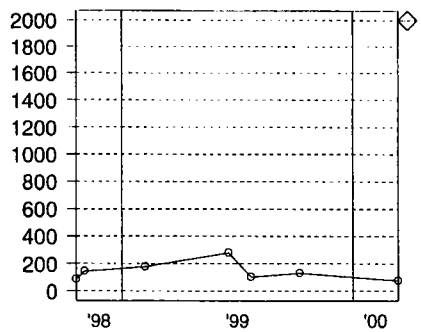
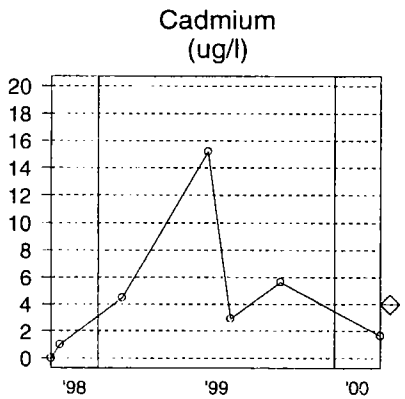
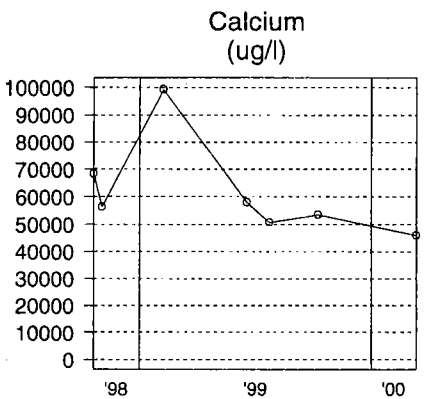
SELFM-PW-EV

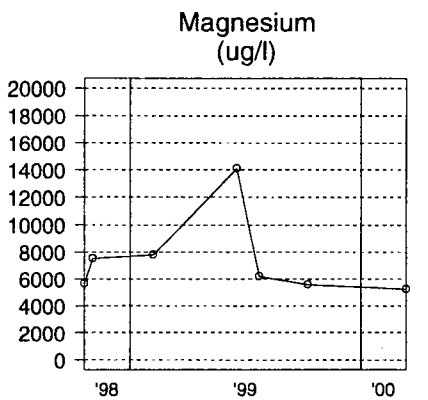


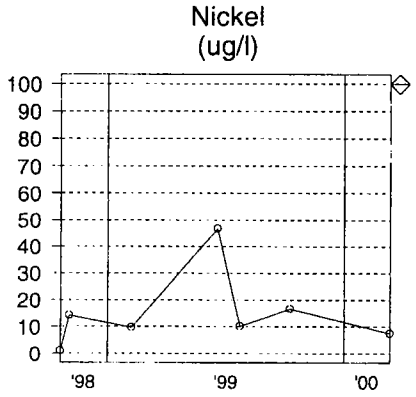


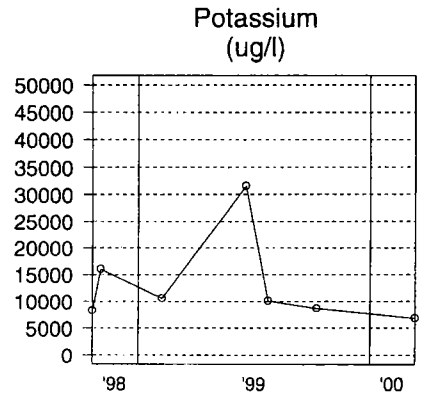


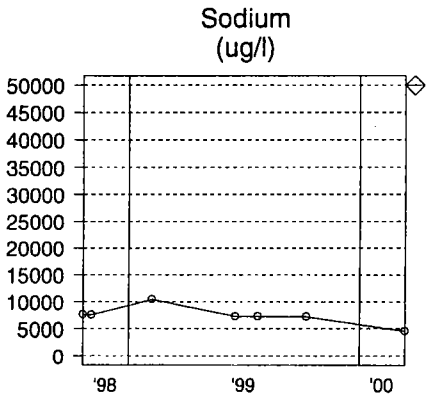












SOURCE: 00M2MW09

Sampling Dates:
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LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm \m2.wsf

	Lab	Zinc	Depth to Water								Notes
Units:	-	ug/l	Feet								-
NJDEP Criteria:	-	5000	-								-
10/19/1998	FMETL	105	10.85								V,S,P,M
11/02/1998	FMETL	565	10.85								V,S,P,M
02/03/1999	FMETL	474	10.17								V,S,P,M
06/15/1999	FMETL	2300	10.78								V,S,P,M
07/20/1999	FMETL	406	10.99								V,S,P,M
10/07/1999	FMETL	679	10.59								V,S,P,M
03/07/2000	FMETL	263	10.89								V,S,P,M

SOURCE: 00M2MW09

Sampling Dates:
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Silver in blank > GW Criteria for May 97.
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FORT MONMOUTH

GW MONITORING
Bldg M-2

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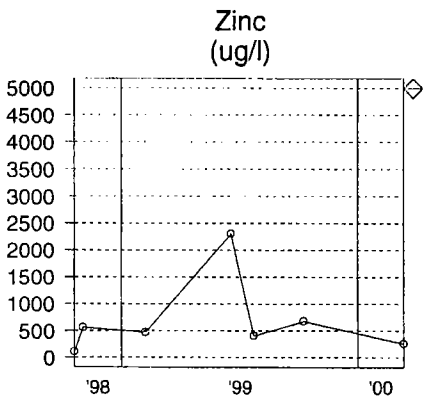
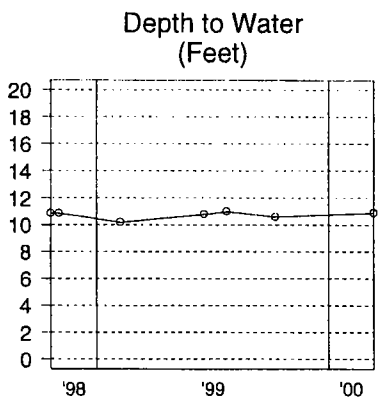
SELFM-PW-EV





SOURCE: 00M2MW09

Sampling Dates:
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LEGEND:

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FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 9 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m[illegible].wsf

	Lab	Acetone	2-Butanone	Aluminum	Iron	Manganese	Lead	Barium	Cadmium	Calcium	Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	-
NJDEP Criteria:	-	700	300	200	300	50	10	2000	4	NLE	-
10/19/1998	FMETL	9.04	9.93	486	4280	22.5	2.94	23.1	ND	24600	V,S,P,M
11/02/1998	FMETL	5.21	2.85	3670	20600	47.4	4.47	58.6	ND	45300	V,S,P,M
02/03/1999	FMETL	ND	ND	638	24300	68.6	ND	168	0.845	44100	V,S,P,M
06/15/1999	FMETL	ND	12.64	5610	65600	79.2	7.75	404	2.03	53400	V,S,P,M
07/20/1999	FMETL	ND	ND	1010	10700	63.1	8.20	79.2	1.02	43600	V,S,P,M
10/07/1999	FMETL	ND	ND	98.4	6390	37.7	ND	65.9	1.10	44000	V,S,P,M
03/07/2000	FMETL	ND	ND	442	46200	104	ND	504	ND	50000	V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
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NOTES:

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FORT MONMOUTH

GW MONITORING
Bldg M-2

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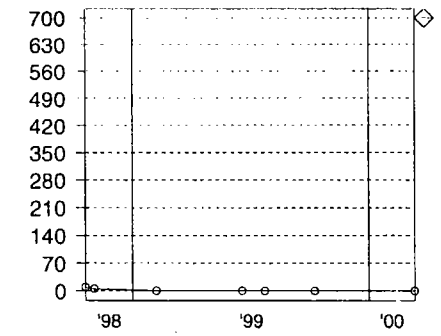
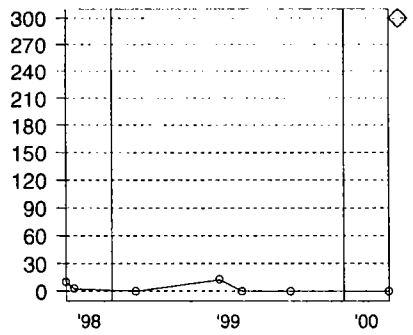
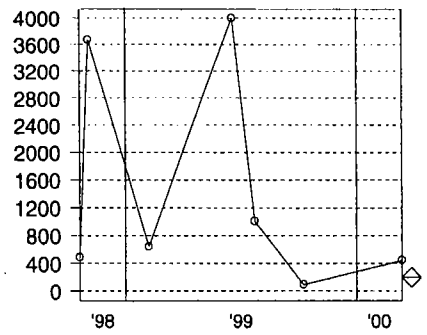
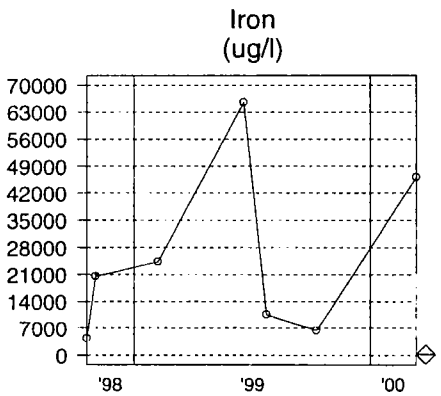
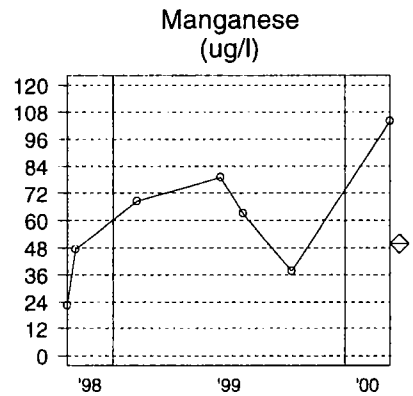
SELFM-PW-EV

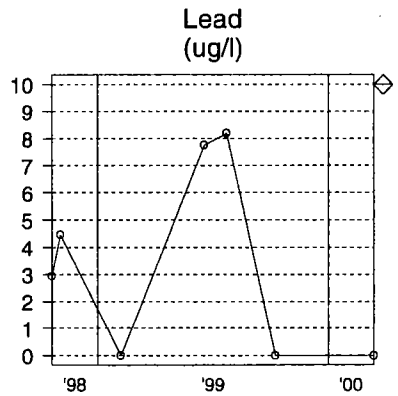


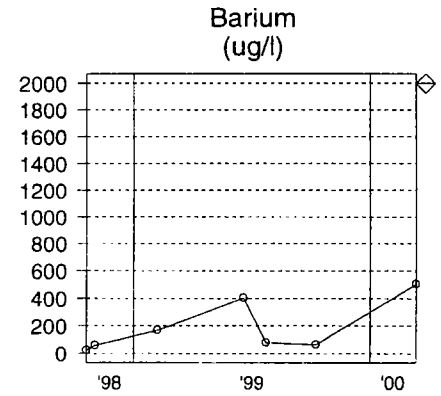


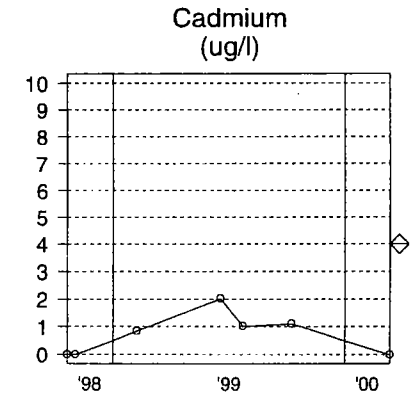


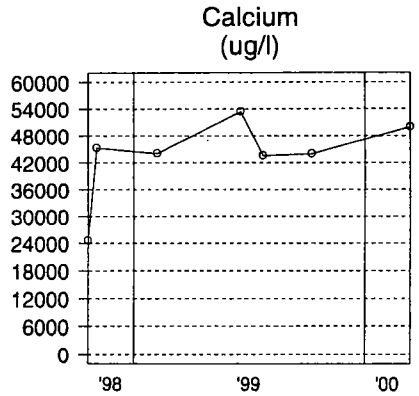












SOURCE: 00M2MW10

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\r 2.wsf

	Lab	Magnesium	Nickel	Potassium	Sodium	Zinc	Depth to Water				Notes
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	Feet				-
NJDEP Criteria:	-	NLE	100	NLE	50000	5000	-				-
10/19/1998	FMETL	1750	1.26	3290	3870	20.1	8.24				V,S,P,M
11/02/1998	FMETL	4300	4.86	9530	7600	38.4	8.24				V,S,P,M
02/03/1999	FMETL	2600	1.17	5120	8080	31.2	6.81				V,S,P,M
06/15/1999	FMETL	4430	1.43	8860	7800	41.9	7.94				V,S,P,M
07/20/1999	FMETL	3260	1.44	5670	7540	40.5	8.35				V,S,P,M
10/07/1999	FMETL	2960	2.16	5350	7310	18.2	8.00				V,S,P,M
03/07/2000	FMETL	3220	1.58	4940	4850	25.1	7.50				V,S,P,M

SOURCE: 00M2MW10

Sampling Dates:
10/19/1998 - 03/07/2000

NOTES:

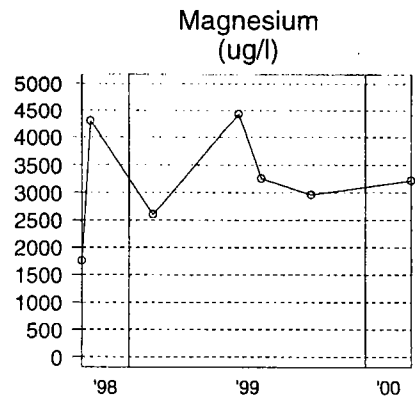
Silver in blank > GW Criteria for May 97.
Page 2 of 2.

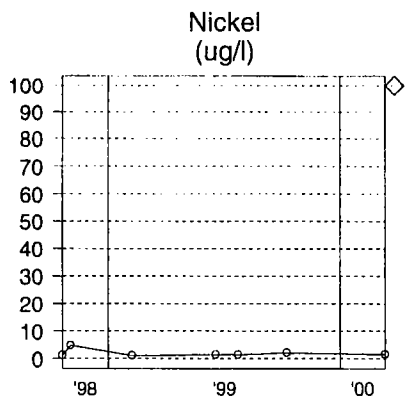
FORT MONMOUTH

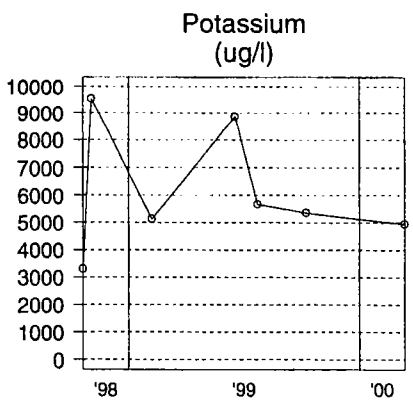
GW MONITORING
Bldg M-2

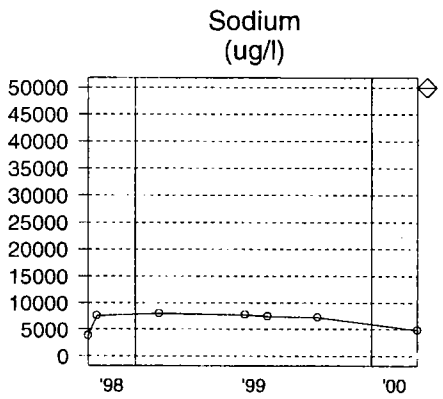
Well 10 of 10

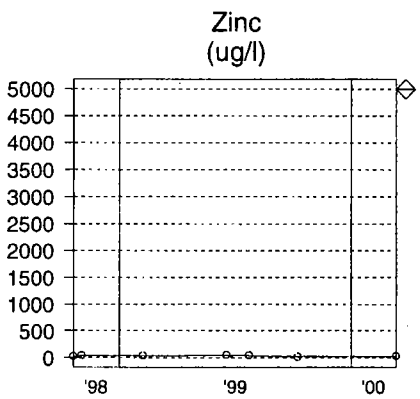
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

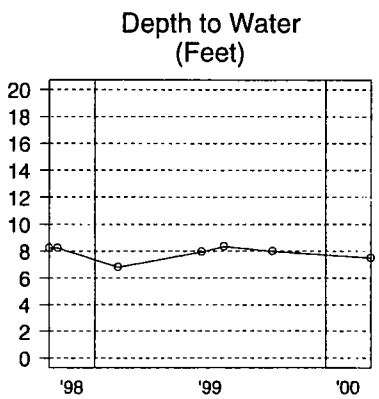












SOURCE: 00M2MW10

Sampling Dates:
10/19/1998 - 03/07/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

FORT MONMOUTH

GW MONITORING
Bldg M-2

Well 10 of 10, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-17-2000 x:\mtech46\fm\m 2.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
for
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2 Landfill Round I

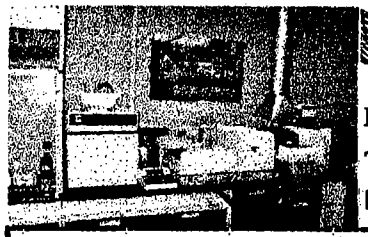
LABORATORY ID#	MONITOR WELL #	NJDEP WELL ID #	SAMPLE DATE
5446.04	00M2MW11	29-42769	05/31/00
5446.03	00M2MW12	29-42770	05/31/00
5440.05	00M2MW13	29-42771	05/30/00
5440.04	00M2MW14	29-42562	05/30/00
5440.07	00M2MW15	29-42773	05/30/00
5440.10	00M2MW16	29-42774	05/30/00
5440.12	00M2MW17	29-42775	05/30/00
5440.13	00M2MW18	29-42776	05/30/00
5446.05	00M2MW19	29-42777	05/31/00
5446.06	00M2MW20	29-42778	05/31/00
5440.08	00M2MW21	29-42779	05/30/00
5440.11	00M2MW22	29-42780	05/30/00
5440.06	00M2MW23	29-42781	05/30/00
5440.09	00M2MW24	29-42772	05/30/00

6-7-00

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M2 New Wells Rnd 1

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL MTLS	BNA+25	Pest/PCB				Hnu Read	Remarks / Preservation Method
5440 .01	Trip	5/30/00	0740	AQ	2	✓							—	
.02	Field Blank		0800		5	✓	✓	✓	✓				—	
.03	Dupe		—		5	✓	✓	✓	✓				—	
.04	OOM2 MW 14		1122		5	✓	✓	✓	✓				0.0	
.05	OOM2MW 13		1136		5	✓	✓	✓	✓				0.0	
.06	OOM2 MW 23		1142		5	✓	✓	✓	✓				0.0	
.07	OO M2 MW 15		1152		5	✓	✓	✓	✓				0.0	
.08	OO M2 MW 21		1331		5	✓	✓	✓	✓				0.0	
.09	OO M2 MW 24		1334		5	✓	✓	✓	✓				0.0	
.10	OO M2 MW 16		1343		5	✓	✓	✓	✓				0.0	
.11	OOM2 MW 22		1353		5	✓	✓	✓	✓				0.0	
.12	OOM2 MW 17 D		1537		5	✓	✓	✓	✓				0.0	
.13	OOM2 MW 18	✓	1606	✓	5	✓	✓	✓	✓				0.0	

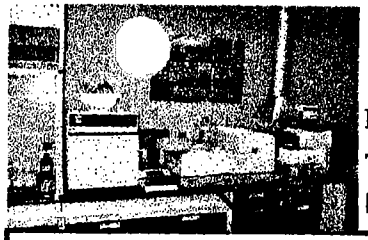
Comments: HCL/HNO_3/<4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/30/00 1630				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide; H → L



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #:
(✓)DERA ( )OMA ( )Other:

Project No: 980211
Location: M-2 Landfill

Samplers Name / Company: Mark Lauer - TVS - PWS 07

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: VOA+15	ABN+25	PEST/PCB	TAL METALS					Comments: Remarks / Preservation Method
52146.01	Trip Blank	5-31-00	—	AQ.	2	X								HCL
.02	Field Blank	"	0930	"	5	X	X	X	X					HCL, HNO3, <4°C
.03	M2-MW12	"	1045	"	5	X	X	X	X					2942770 — " "
.04	M2-MW11	"	1320	"	5	X	X	X	X					2942769 — " "
.05	M2-MW19	"	1445	"	5	X	X	X	X					?2942772 - " "
.06	M2-MW20	"	1555	"	5	X	X	X	X					2942778 — " "
.07	F.D.	"	—	"	5	X	X	X	X					— " "

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	6-1-00 0730				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

print legibly

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US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007053.D**	Sample Name	**Vblk215**
Operator	**Skelton**	Field ID	**Vblk215**
Date Acquired	**1 Jun 2000 1:33 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:23 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk215**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk215

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007053.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/1/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007089.D**	Sample Name	**Vblk216**
Operator	**Skelton**	Field ID	**Vblk216**
Date Acquired	**5 Jun 2000 9:39 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk216**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk216

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007089.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007080.D**	Sample Name	**5440.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**2 Jun 2000 7:36 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.46	46182	1.64 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:23 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007080.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007073.D**	Sample Name	**5446.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**2 Jun 2000 2:58 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Trip Blank**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5446.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007073.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007081.D**	Sample Name	**5440.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**2 Jun 2000 8:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007081.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007074.D**	Sample Name	**5446.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**2 Jun 2000 3:38 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5446.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007074.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007082.D**	Sample Name	**5440.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**2 Jun 2000 9:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:23 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007082.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007079.D**	Sample Name	**5446.07**
Operator	**Skelton**	Field ID	**Field Dup**
Date Acquired	**2 Jun 2000 6:56 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	5876511	96.18 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Field Dup**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007079.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007076.D**	Sample Name	**5446.04**
Operator	**Skelton**	Field ID	**M2MW11**
Date Acquired	**2 Jun 2000 4:57 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	5984416	98.01 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW11**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007076.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007075.D**	Sample Name	**5446.03**
Operator	**Skelton**	Field ID	**M2MW12**
Date Acquired	**2 Jun 2000 4:18 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW12**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5446.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007075.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007084.D**	Sample Name	**5440.05**
Operator	**Skelton**	Field ID	**00M2MW13**
Date Acquired	**2 Jun 2000 10:34 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW13**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007084.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007083.D**	Sample Name	**5440.04**
Operator	**Skelton**	Field ID	**00M2MW14**
Date Acquired	**2 Jun 2000 9:54 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:23 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW14**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007083.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007086.D**	Sample Name	**5440.07**
Operator	**Skelton**	Field ID	**00M2MW15**
Date Acquired	**2 Jun 2000 11:54 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.84	99776	1.47 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:24 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW15**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007086.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007092.D**	Sample Name	**5440.10**
Operator	**Skelton**	Field ID	**00M2MW16**
Date Acquired	**5 Jun 2000 11:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW16**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007092.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007094.D**	Sample Name	**5440.12**
Operator	**Skelton**	Field ID	**00M2MW17**
Date Acquired	**5 Jun 2000 1:11 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW17**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007094.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007095.D**	Sample Name	**5440.13**
Operator	**Skelton**	Field ID	**00M2MW18**
Date Acquired	**5 Jun 2000 1:51 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW18**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007095.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007077.D**	Sample Name	**5446.05**
Operator	**Skelton**	Field ID	**M2MW19**
Date Acquired	**2 Jun 2000 5:37 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M2MW19

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5446.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007077.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007078.D**	Sample Name	**5446.06**
Operator	**Skelton**	Field ID	**M2MW20**
Date Acquired	**2 Jun 2000 6:17 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW20**

Lab Name: FMETL Project: 980211

NJDEP#: 13461 Case No.: 5446 Location: M-2 Rd SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5446.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007078.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007090.D	Sample Name	5440.08
Operator	Skelton	Field ID	00M2MW21
Date Acquired	5 Jun 2000 10:32 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.83	183402	2.60 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	2484998	43.73 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.09	155809	3.77 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	357491	8.39 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene	34.18	56898	1.38 ug/L	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW21**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007090.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007093.D**	Sample Name	**5440.11**
Operator	**Skelton**	Field ID	**00M2MW22**
Date Acquired	**5 Jun 2000 12:31 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	10.07	513451	373.98 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW22**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007093.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007085.D**	Sample Name	**5440.06**
Operator	**Skelton**	Field ID	**00M2MW23**
Date Acquired	**2 Jun 2000 11:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	363121	5.92 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	2154376	44.43 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	164765	4.46 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:24 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW23**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007085.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/2/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000873-49-4	Benzene, cyclopropyl-	33.98	8	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007091.D**	Sample Name	**5440.09**
Operator	**Skelton**	Field ID	**00M2MW24**
Date Acquired	**5 Jun 2000 11:12 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.82	94912	1.37 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.56	301316	5.21 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.33	204893	4.73 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/6/00 8:30 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW24**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007091.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: not dec. _____ Date Analyzed: 6/5/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04007.D**	Sample Name	**Sblk378**
Operator	**Bhaskar**	Misc Info	**Sblk378 A 000602**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04007.D**	Sample Name	**Sblk378**
Operator	**Bhaskar**	Misc Info	**Sblk378 A 000602**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk378**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk378

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04007.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04015.D**	Sample Name	**Sblk379**
Operator	**Bhaskar**	Misc Info	**Sblk379 A 000603**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04015.D**	Sample Name	**Sblk379**
Operator	**Bhaskar**	Misc Info	**Sblk379 A 000603**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk379**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Sblk379

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04015.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	7	J
2.	unknown	17.43	4	J
3. 022393-98-2	9-Hexadecenoic acid, 9-octadece	32.43	24	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04009.D**	Sample Name	**5440.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04009.D**	Sample Name	**5440.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04009.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04024.D**	Sample Name	**5446.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04024.D**	Sample Name	**5446.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04024.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	6	J
2. 000540-97-6	Cyclohexasiloxane, dodecamethy	15.06	15	JN
3.	unknown	17.42	14	J
4.	unknown	19.32	8	J
5.	unknown	22.19	6	J
6.	unknown	23.39	4	J
7.	unknown	24.46	4	J
8.	unknown	25.44	5	J
9.	unknown	26.36	5	J
10.	unknown	27.22	5	J
11.	unknown	28.06	4	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04010.D**	Sample Name	**5440.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04010.D**	Sample Name	**5440.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04010.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.96	4	J
2. 000105-60-2	Caprolactam	14.26	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04029.D**	Sample Name	**5446.07**
Operator	**Bhaskar**	Misc Info	**Field Dupe**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04029.D**	Sample Name	**5446.07**
Operator	**Bhaskar**	Misc Info	**Field Dupe**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Dupe**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04029.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04026.D**	Sample Name	**5446.04**
Operator	**Bhaskar**	Misc Info	**00M2MW11**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04026.D**	Sample Name	**5446.04**
Operator	**Bhaskar**	Misc Info	**00M2MW11**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW11**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04026.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04025.D**	Sample Name	**5446.03**
Operator	**Bhaskar**	Misc Info	**00M2MW12**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04025.D**	Sample Name	**5446.03**
Operator	**Bhaskar**	Misc Info	**00M2MW12**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	63105	1.81 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW12**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04025.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04012.D**	Sample Name	**5440.05**
Operator	**Bhaskar**	Misc Info	**00M2MW13**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04012.D**	Sample Name	**5440.05**
Operator	**Bhaskar**	Misc Info	**00M2MW13**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	172666	4.86 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW13**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04012.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000123-42-2	2-Pentanone, 4-hydroxy-4-methyl	6.95	6	JN
2. 061142-23-2	Cyclohexane, (2,2-dimethylcyclop	32.40	17	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04011.D**	Sample Name	**5440.04**
Operator	**Bhaskar**	Misc Info	**00M2MW14**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene	13.32	64753	1.59 ug/L	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208 96 8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04011.D**	Sample Name	**5440.04**
Operator	**Bhaskar**	Misc Info	**00M2MW14**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW14**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04011.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	6	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04014.D**	Sample Name	**5440.07**
Operator	**Bhaskar**	Misc Info	**00M2MW15**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol	11.45	53551	3.40 ug/L	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid	12.90	46877	4.59 ug/L	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene	13.33	2318174	51.43 ug/L	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.99	529602	18.22 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	660268	23.81 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran	18.07	663645	17.50 ug/L	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04014.D**	Sample Name	**5440.07**
Operator	**Bhaskar**	Misc Info	**00M2MW15**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.86	539146	16.63 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene	20.95	442562	9.97 ug/L	NLE	1.23	ug/L	
120-12-7	Anthracene	21.04	66684	1.47 ug/L	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene	23.45	83581	1.79 ug/L	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit
MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW15**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04014.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	5	J
2. 000095-15-8	Benzo[b]thiophene	13.46	7	JN
3. 000103-82-2	Benzeneacetic acid	14.22	12	JN
4. 004453-90-1	1,4-Methanonaphthalene, 1,4-dih	15.27	17	JN
5. 000092-52-4	Biphenyl	16.23	7	JN
6. 000096-76-4	Phenol, 2,4-bis(1,1-dimethylethyl)	17.79	6	JN
7.	unknown	19.71	4	J
8.	unknown	20.42	4	J
9. 000086-74-8	Carbazole	21.44	10	JN
10. 000057-10-3	Hexadecanoic acid	22.16	9	JN
11. 000057-11-4	Octadecanoic acid	23.76	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04019.D**	Sample Name	**5440.10**
Operator	**Bhaskar**	Misc Info	**00M2MW16**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04019.D**	Sample Name	**5440.10**
Operator	**Bhaskar**	Misc Info	**00M2MW16**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW16**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04019.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	7	J
2. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.42	30	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04021.D**	Sample Name	**5440.12**
Operator	**Bhaskar**	Misc Info	**00M2MW17**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04021.D**	Sample Name	**5440.12**
Operator	**Bhaskar**	Misc Info	**00M2MW17**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW17**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04021.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	4	J
2. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.37	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04022.D**	Sample Name	**5440.13**
Operator	**Bhaskar**	Misc Info	**00M2MW18**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04022.D**	Sample Name	**5440.13**
Operator	**Bhaskar**	Misc Info	**00M2MW18**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW18**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04022.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	9	J
2. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.38	14	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04027.D**	Sample Name	**5446.05**
Operator	**Bhaskar**	Misc Info	**00M2MW19**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04027.D**	Sample Name	**5446.05**
Operator	**Bhaskar**	Misc Info	**00M2MW19**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW19**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04027.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.95	8	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04028.D**	Sample Name	**5446.06**
Operator	**Bhaskar**	Misc Info	**00M2MW20**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04028.D**	Sample Name	**5446.06**
Operator	**Bhaskar**	Misc Info	**00M2MW20**
Date Acquired	**6-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW20**

Lab Name: FMETL Lab Code 13461

Project: 980211 Case No.: 5446 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5446.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04028.D

Level: (low/med) LOW Date Received: 6/1/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/6/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	6.94	7	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04017.D**	Sample Name	**5440.08**
Operator	**Bhaskar**	Misc Info	**00M2MW21**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene	10.25	42751	2.37 ug/L	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.37	95810	5.29 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.99	112417	4.02 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04017.D**	Sample Name	**5440.08**
Operator	**Bhaskar**	Misc Info	**00M2MW21**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.56	270071	7.78 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW21**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5440.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04017.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000496-11-7	Indane	10.80	4	JN
2.	unknown	12.74	6	J
3. 000264-09-5	Benzocycloheptatriene	15.27	4	JN
4. 000934-34-9	2(3H)-Benzothiazolone	19.72	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04020.D**	Sample Name	**5440.11**
Operator	**Bhaskar**	Misc Info	**00M2MW22**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04020.D**	Sample Name	**5440.11**
Operator	**Bhaskar**	Misc Info	**00M2MW22**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW22**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04020.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.78	33	JN
2.	unknown	6.95	8	J
3. 000105-60-2	Caprolactam	14.26	5	JN
4. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.43	65	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04013.D**	Sample Name	**5440.06**
Operator	**Bhaskar**	Misc Info	**00M2MW23**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.37	58593	3.27 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.99	143690	5.25 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04013.D**	Sample Name	**5440.06**
Operator	**Bhaskar**	Misc Info	**00M2MW23**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.19	53637	2.54 ug/L	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.56	147874	4.33 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW23**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04013.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/2/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		unknown	10.80	6	J
2.	000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.61	8	JN
3.	000099-87-6	Benzene, 1-methyl-4-(1-methylel	12.14	4	JN
4.		unknown	12.74	7	J
5.	000101-83-7	Cyclohexanamine, N-cyclohexyl-	16.97	4	JN
6.	000934-34-9	2(3H)-Benzothiazolone	19.73	7	JN
7.	003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.40	17	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04018.D**	Sample Name	**5440.09**
Operator	**Bhaskar**	Misc Info	**00M2MW24**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.37	63141	3.34 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.99	347577	12.10 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.70	37090	1.33 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04018.D**	Sample Name	**5440.09**
Operator	**Bhaskar**	Misc Info	**00M2MW24**
Date Acquired	**5-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.86	42208	1.30 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.19	30370	1.39 ug/L	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.56	248556	6.97 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW24**

Lab Name: FMETL Lab Code 13461

Project: 000004 Case No.: 5440 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5440.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04018.D

Level: (low/med) LOW Date Received: 5/30/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/3/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/5/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	8.67	8	JN
2. 000103-65-1	Benzene, propyl-	9.24	10	JN
3. 000496-11-7	Indane	10.80	15	JN
4. 000135-01-3	Benzene, 1,2-diethyl-	10.99	6	JN
5. 049826-53-1	Bicyclo[3.2.1]oct-2-ene, 3-methyl-	11.11	6	JN
6. 000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	11.61	12	JN
7. 000527-53-7	Benzene, 1,2,3,5-tetramethyl-	12.14	10	JN
8. 002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	12.55	9	JN
9. 001560-06-1	Benzene, 2-butenyl-	12.74	30	JN
10. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.42	7	JN
11. 056253-64-6	Benzene, (2-methyl-1-butenyl)-	13.47	5	JN
12. 001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6	14.51	5	JN
13. 000264-09-5	Benzocycloheptatriene	15.28	29	JN
14. 000581-42-0	Naphthalene, 2,6-dimethyl-	16.60	8	JN
15. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.81	10	JN
16.	unknown	18.11	8	J
17.	unknown	18.41	8	J
18.	unknown	18.98	4	J
19. 000934-34-9	2(3H)-Benzothiazolone	19.73	6	JN
20. 000057-10-3	Hexadecanoic acid	22.15	5	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK531
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK532
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/6/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	**ND**
beta-BHC	1		0.20	0.0014	**ND**
gamma-BHC	1		0.20	0.0012	**ND**
delta-BHC	1		NLE	0.0021	**ND**
Heptachlor	1		0.40	0.0016	**ND**
Aldrin	1		0.04	0.0014	**ND**
Heptachlor Epoxide	1		0.20	0.0008	**ND**
Endosulfan I	1		0.40	0.0014	**ND**
4,4'-DDE	1		0.10	0.0014	**ND**
Dieldrin	1		0.03	0.0011	**ND**
Endrin	1		2.00	0.0012	**ND**
Endrin Ketone	1		NLE	0.0012	**ND**
Endosulfan II	1		0.40	0.0006	**ND**
4,4'-DDD	1		0.10	0.0012	**ND**
4,4'-DDT	1		0.10	0.0019	**ND**
Endosulfan-Sulfate	1		0.40	0.0018	**ND**
Methoxychlor	1		40.00	0.0022	**ND**
Alpha-chlordane	1		0.50	0.0007	**ND**
Gamma-chlordane	1		0.50	0.0007	**ND**
Toxaphene	1		3.00	0.0273	**ND**
Arochlor 1016	1		0.50	0.0683	**ND**
Arochlor 1221	1		0.50	0.0666	**ND**
Arochlor 1232	1		0.50	0.0648	**ND**
Arochlor 1242	1		0.50	0.0485	**ND**
Arochlor 1248	1		0.50	0.0544	**ND**
Arochlor 1254	1		0.50	0.0608	**ND**
Arochlor 1260	1		0.50	0.0732	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/6/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	F.D.
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/6/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2-MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2-MW12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/6/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2-MW19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5446.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/6/00
Analysis:	EPA Method 608	**Location :**	M-2 LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2-MW20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5440.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/30/00
	Bldg. 173	**Extraction Date:**	6/2/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446
Sample Prepared:
Sample Matrix: Aq

Site: M2

Field ID: Method Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	15.3	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	ND	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	189	NLE	20.0
Chromium	06/01/00	ND	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	25.4	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	25.6	NLE	20.0
Manganese	06/01/00	0.661	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	ND	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	43.1	50000	20.0
Thallium	06/05/00	ND	10	1.0
Vanadium	06/01/00	ND	NLE	1.0
Zinc	06/01/00	3.20	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.02
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	ND	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	ND	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	ND	NLE	20.0
Chromium	06/01/00	ND	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	ND	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	ND	NLE	20.0
Manganese	06/01/00	ND	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	ND	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	ND	50000	20.0
Thallium	06/05/00	ND	10	1.0
Vanadium	06/01/00	ND	NLE	1.0
Zinc	06/01/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.02
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	ND	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	ND	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	ND	NLE	20.0
Chromium	06/01/00	ND	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	ND	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	ND	NLE	20.0
Manganese	06/01/00	ND	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	ND	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	ND	50000	20.0
Thallium	06/05/00	ND	10	1.0
Vanadium	06/01/00	ND	NLE	1.0
Zinc	06/01/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.03
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: Dupe

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	577	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	105	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	14900	NLE	20.0
Chromium	06/01/00	2.04	100	0.5
Cobalt	06/01/00	3.05	NLE	0.5
Copper	06/01/00	4.75	1000	3.0
Iron	06/01/00	387	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	5020	NLE	20.0
Manganese	06/01/00	30.4	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	4.96	100	0.5
Potassium	06/01/00	2410	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	9330	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.41	NLE	1.0
Zinc	06/01/00	22.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.07
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: Field Dup

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	34.8	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	38.1	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	39000	NLE	20.0
Chromium	06/01/00	1.51	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	155	1000	3.0
Iron	06/01/00	272	300	10.0
Lead	06/01/00	20.5	10	2.0
Magnesium	06/01/00	3820	NLE	20.0
Manganese	06/01/00	25.6	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	6.16	100	0.5
Potassium	06/01/00	6220	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	4050	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.22	NLE	1.0
Zinc	06/01/00	179	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.04
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW11

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	68.3	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	38.1	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	39800	NLE	20.0
Chromium	06/01/00	ND	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	5.90	1000	3.0
Iron	06/01/00	397	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	3910	NLE	20.0
Manganese	06/01/00	24.6	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	0.745	100	0.5
Potassium	06/01/00	6060	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	3870	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.52	NLE	1.0
Zinc	06/01/00	5.80	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

.Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.03
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW12

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	100	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	35.1	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	34900	NLE	20.0
Chromium	06/01/00	0.901	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	7.85	1000	3.0
Iron	06/01/00	792	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	3790	NLE	20.0
Manganese	06/01/00	28.1	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	6060	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	3500	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.49	NLE	1.0
Zinc	06/01/00	37.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.05
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW13

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	83.1	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	54.2	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	19200	NLE	20.0
Chromium	06/01/00	0.679	100	0.5
Cobalt	06/01/00	0.753	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	13200	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	2150	NLE	20.0
Manganese	06/01/00	101	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	5680	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	13200	50000	20.0
Thallium	06/05/00	ND	10	1.0
Vanadium	06/01/00	1.35	NLE	1.0
Zinc	06/01/00	1.46	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

.Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.04
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW14

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	165	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	34.3	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	14600	NLE	20.0
Chromium	06/01/00	3.54	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	36000	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	5590	NLE	20.0
Manganese	06/01/00	284	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	0.644	100	0.5
Potassium	06/01/00	1400	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	16000	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	3.14	NLE	1.0
Zinc	06/01/00	3.73	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.07
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW15

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	184	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	58.1	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	0.677	4	0.5
Calcium	06/01/00	27500	NLE	20.0
Chromium	06/01/00	1.65	100	0.5
Cobalt	06/01/00	3.08	NLE	0.5
Copper	06/01/00	59.2	1000	3.0
Iron	06/01/00	4390	300	10.0
Lead	06/01/00	14.0	10	2.0
Magnesium	06/01/00	4060	NLE	20.0
Manganese	06/01/00	85.2	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	10.1	100	0.5
Potassium	06/01/00	7940	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	16500	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	5.10	NLE	1.0
Zinc	06/01/00	141	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.10
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW16

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	38.1	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	89.9	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	1.40	4	0.5
Calcium	06/01/00	20600	NLE	20.0
Chromium	06/01/00	ND	100	0.5
Cobalt	06/01/00	1.21	NLE	0.5
Copper	06/01/00	22.5	1000	3.0
Iron	06/01/00	7660	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	3320	NLE	20.0
Manganese	06/01/00	280	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	11.2	100	0.5
Potassium	06/01/00	1250	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	11200	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	ND	NLE	1.0
Zinc	06/01/00	384	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.12
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW17

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	613	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	110	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	14600	NLE	20.0
Chromium	06/01/00	1.67	100	0.5
Cobalt	06/01/00	2.52	NLE	0.5
Copper	06/01/00	5.50	1000	3.0
Iron	06/01/00	767	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	5160	NLE	20.0
Manganese	06/01/00	31.3	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	4.97	100	0.5
Potassium	06/01/00	2480	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	9580	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.23	NLE	1.0
Zinc	06/01/00	27.7	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.13
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW18

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	171	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	59.0	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	25900	NLE	20.0
Chromium	06/01/00	1.27	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	13300	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	4270	NLE	20.0
Manganese	06/01/00	140	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	0.627	100	0.5
Potassium	06/01/00	7000	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	5970	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.41	NLE	1.0
Zinc	06/01/00	33.8	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.05
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW19

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	555	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	44.8	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	43100	NLE	20.0
Chromium	06/01/00	3.16	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	3.36	1000	3.0
Iron	06/01/00	1860	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	3250	NLE	20.0
Manganese	06/01/00	74.4	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	6220	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	4710	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	4.17	NLE	1.0
Zinc	06/01/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5446.06
Sample Received: 05/31/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW20

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	444	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	41.7	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	43000	NLE	20.0
Chromium	06/01/00	2.62	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	4.47	1000	3.0
Iron	06/01/00	2040	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	3180	NLE	20.0
Manganese	06/01/00	47.9	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	ND	100	0.5
Potassium	06/01/00	7650	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	9570	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	3.24	NLE	1.0
Zinc	06/01/00	2.21	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.08
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW21

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	129	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	592	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	91500	NLE	20.0
Chromium	06/01/00	6.12	100	0.5
Cobalt	06/01/00	1.69	NLE	0.5
Copper	06/01/00	47.4	1000	3.0
Iron	06/01/00	57700	300	10.0
Lead	06/01/00	12.9	10	2.0
Magnesium	06/01/00	7210	NLE	20.0
Manganese	06/01/00	680	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	2.73	100	0.5
Potassium	06/01/00	4380	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	16100	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	2.18	NLE	1.0
Zinc	06/01/00	66.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.11
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW22

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	20.8	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	72.0	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	38800	NLE	20.0
Chromium	06/01/00	1.11	100	0.5
Cobalt	06/01/00	ND	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	36100	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	5970	NLE	20.0
Manganese	06/01/00	267	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	1.11	100	0.5
Potassium	06/01/00	7730	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	13100	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	1.26	NLE	1.0
Zinc	06/01/00	119	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.06
Sample Received: 05/30/00
Sample Matrix: Aq

Site: M2

Field ID: 00M2MW23

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	143	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	538	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	ND	4	0.5
Calcium	06/01/00	78000	NLE	20.0
Chromium	06/01/00	4.35	100	0.5
Cobalt	06/01/00	1.07	NLE	0.5
Copper	06/01/00	ND	1000	3.0
Iron	06/01/00	76900	300	10.0
Lead	06/01/00	ND	10	2.0
Magnesium	06/01/00	9230	NLE	20.0
Manganese	06/01/00	361	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	1.17	100	0.5
Potassium	06/01/00	5710	NLE	20.0
Selenium	06/01/00	4.97	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	14500	50000	20.0
Thallium	06/01/00	ND	10	3.0
Vanadium	06/01/00	8.67	NLE	1.0
Zinc	06/01/00	5.44	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5440.09
Sample Received: 05/30/00
Sample Matrix: Aq

0
Site: M2

Field ID: 00M2MW24

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/01/00	264	200	10.0
Antimony	06/01/00	ND	20	2.0
Arsenic	06/01/00	ND	8	2.0
Barium	06/01/00	348	2000	0.5
Beryllium	06/01/00	ND	20	0.5
Cadmium	06/01/00	0.659	4	0.5
Calcium	06/01/00	54200	NLE	20.0
Chromium	06/01/00	12.3	100	0.5
Cobalt	06/01/00	0.780	NLE	0.5
Copper	06/01/00	357	1000	3.0
Iron	06/01/00	60300	300	10.0
Lead	06/01/00	49.5	10	2.0
Magnesium	06/01/00	4810	NLE	20.0
Manganese	06/01/00	748	50	0.5
Mercury	06/01/00	ND	2	0.1
Nickel	06/01/00	16.7	100	0.5
Potassium	06/01/00	2940	NLE	20.0
Selenium	06/01/00	ND	50	3.0
Silver	06/01/00	ND	20	3.0
Sodium	06/01/00	8860	50000	20.0
Thallium	06/05/00	ND	10	1.0
Vanadium	06/01/00	2.67	NLE	1.0
Zinc	06/01/00	448	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
for
Directorate of Public Works
Fort Monmouth, NJ 07703

PROJECT: DERA/ Long Term Monitoring

SAMPLE LOCATION AND IDENTIFICATION

SITE: M-2 Landfill Round II

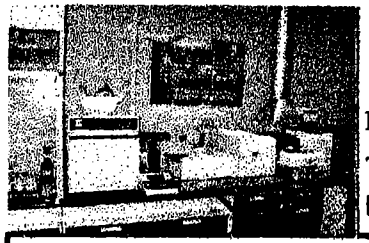
LABORATORY ID#	MONITOR WELL #	NJDEP WELL ID #	SAMPLE DATE
5475.04	00M2MW11	29-42769	06/14/00
5475.03	00M2MW12	29-42770	06/14/00
5471.05	00M2MW13	29-42771	06/13/00
5471.04	00M2MW14	29-42562	06/13/00
5471.07	00M2MW15	29-42773	06/13/00
5471.11	00M2MW16	29-42774	06/13/00
5471.12	00M2MW17	29-42775	06/13/00
5471.09	00M2MW18	29-42776	06/13/00
5475.05	00M2MW19	29-42777	06/14/00
5475.06	00M2MW20	29-42778	06/14/00
5471.13	00M2MW21	29-42779	06/13/00
5471.10	00M2MW22	29-42780	06/13/00
5471.06	00M2MW23	29-42781	06/13/00
5471.08	00M2MW24	29-42772	06/13/00

6-21-00

Daniel Wright/Date:
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B
TARGET COMPOUND LIST	Federal Register 40 CFR Part 136 Appendix A
Base/Neutrals and Acid Extractables by GC/MS	625
Purgeable Organcis by GC/MS	624
Pesticides and PCB's by GC	608



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M2 New Wells Rnd 2

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

Comments: HCL/HNO_3/<4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	TAL MTLS	Pest / PCB	BNA + 25				H_2S Read	Remarks / Preservation Method
5171 .01	Trip	6/13/00	0747	AQ	2	✓							–	
.02	Field Blank		0945		5	✓	✓	✓	✓				–	
.03	Dupe		—		5	✓	✓	✓	✓				–	
.04	00M2MW14		0959		5	✓	✓	✓	✓				0.0	
.05	00M2MW13		1011		5	✓	✓	✓	✓				0.0	
.06	00M2MW23		1021		5	✓	✓	✓	✓				0.0	
.07	00M2MW15		1027		5	✓	✓	✓	✓				0.0	
.08	00M2MW24		1300		5	✓	✓	✓	✓				0.0	
.09	00M2MW14		1318		5	✓	✓	✓	✓				0.0	
.10	00M2MW22 ★		1329		9	✓	✓	✓	✓				0.0	
.11	00M2MW16		1312		5	✓	✓	✓	✓				0.0	
.12	00M2MW17		1520		5	✓	✓	✓	✓				0.0	
.13	00M2MW21	↓	1455	↓	5	✓	✓	✓	✓				0.0	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/13/00	KBWright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: MS/MSDs hw. con

Tide: H→a

print legibly

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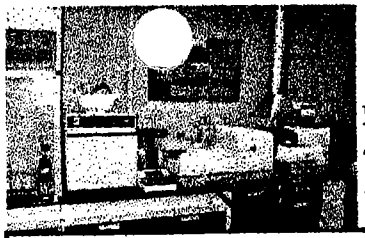

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 26623
(✓)DERA ( )OMA ( )Other:_____
Project No: 98 0211
Location: M2 - Landfill (deep wells)
Samplers Name / Company:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA + 15	BNA + 15	PEST / PCB	TAL METALS					Comments: Remarks / Preservation Method
5475 1	Trip Blank	6-14-00	—	AQ.	2	X								HCL
2	Field Blank	"	0905	"	5	X	X	X	X					<4°c, HCL, HNO3
3	OOM2MW12	"	0955	"	"	"	"	"	"					2442770 — " " "
4	OOM2MW11	"	1135	"	"	"	"	"	"					" " "
5	OOM2MW19	"	1310	"	"	"	"	"	"					" " "
6	OOM2MW20	"	1435	"	"	"	"	"	"					" " "
7	Field Dup.	"	—	"	"	"	"	"	"					" " "

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]		[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified, ( )EDD Standard
Turnaround time: (✓)Standard 3 wks, (✓)Rush 7 Days, ( )ASAP Verbal ___ Hrs.
Remarks:

print legibly

Coc.xls5/12/00

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound Identified Below Detection Limit
B : Compound is in Both Sample and Blank
D : Results are from a Dilution of the Sample
U : Compound Searched for but not Detected
E : Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007235.D	Sample Name	Vblk221
Operator	Skelton	Field ID	Vblk221
Date Acquired	14 Jun 2000 11:19 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk221**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007235.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007271.D**	Sample Name	**Vblk222**
Operator	**Skelton**	Field ID	**Vblk222**
Date Acquired	**16 Jun 2000 2:56 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/19/00 2:41 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk222**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk222

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007271.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. _____ Date Analyzed: 6/16/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007251.D**	Sample Name	**5471.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**14 Jun 2000 10:12 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Trip Blank**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007251.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007286.D**	Sample Name	**5475.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**17 Jun 2000 1:12 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007286.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. Date Analyzed: 6/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007252.D	Sample Name	5471.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	14 Jun 2000 10:52 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007252.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007287.D**	Sample Name	**5475.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**17 Jun 2000 1:52 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	16.46	70860	1.29 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution.
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007287.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. Date Analyzed: 6/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007253.D**	Sample Name	**5471.03**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**14 Jun 2000 11:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	10.15	312669	406.07 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Dupe

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007253.D

Level: (low/med) LOW Date Received. 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007285.D**	Sample Name	**5475.07**
Operator	**Skelton**	Field ID	**Field Dup**
Date Acquired	**17 Jun 2000 12:32 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Dup.

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007285.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. Date Analyzed: 6/17/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007282.D**	Sample Name	**5475.04**
Operator	**Skelton**	Field ID	**00M2MW11**
Date Acquired	**16 Jun 2000 10:32 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M2MW11

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007282.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. _____ Date Analyzed: 6/16/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007281.D**	Sample Name	**5475.03**
Operator	**Skelton**	Field ID	**00M2MW12**
Date Acquired	**16 Jun 2000 9:52 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW12**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007281.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. _____ Date Analyzed: 6/16/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007255.D**	Sample Name	**5471.05**
Operator	**Skelton**	Field ID	**00M2MW13**
Date Acquired	**15 Jun 2000 12:53 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/19/00 2:32 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW13**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007255.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007254.D	Sample Name	5471.04
Operator	Skelton	Field ID	00M2MW14
Date Acquired	15 Jun 2000 12:12 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW14**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007254.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007257.D	Sample Name	5471.07
Operator	Skelton	Field ID	00M2MW15
Date Acquired	15 Jun 2000 2:13 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene	23.85	112738	2.14 ug/L	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW15**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007257.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007261.D**	Sample Name	**5471.11**
Operator	**Skelton**	Field ID	**00M2MW16**
Date Acquired	**15 Jun 2000 4:55 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/19/00 2:33 PM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW16**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007261.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007262.D	Sample Name	5471.12
Operator	Skelton	Field ID	00M2MW17
Date Acquired	15 Jun 2000 5:35 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW17**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007262.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007259.D	Sample Name	5471.09
Operator	Skelton	Field ID	00M2MW18
Date Acquired	15 Jun 2000 3:34 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.: 00M2MW18

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007259.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007283.D**	Sample Name	**5475.05**
Operator	**Skelton**	Field ID	**00M2MW19**
Date Acquired	**16 Jun 2000 11:12 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

00M2MW19

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007283.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. _____ Date Analyzed: 6/16/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007284.D**	Sample Name	**5475.06**
Operator	**Skelton**	Field ID	**00M2MW20**
Date Acquired	**16 Jun 2000 11:52 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/19/00 2:41 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW20**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007284.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: not dec. _____ Date Analyzed: 6/16/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007263.D**	Sample Name	**5471.13**
Operator	**Skelton**	Field ID	**00M2MW21**
Date Acquired	**15 Jun 2000 6:15 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.86	180296	3.46 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	1229053	49.92 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene	33.10	45349	2.87 ug/L	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	101717	6.24 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW21**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007263.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007260.D**	Sample Name	**5471.10**
Operator	**Skelton**	Field ID	**00M2MW22**
Date Acquired	**15 Jun 2000 4:14 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol	10.12	384691	462.08 ug/L	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW22**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007260.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007256.D**	Sample Name	**5471.06**
Operator	**Skelton**	Field ID	**00M2MW23**
Date Acquired	**15 Jun 2000 1:33 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.86	248661	5.17 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.58	844164	37.26 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	55056	3.67 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW23**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007256.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007258.D**	Sample Name	**5471.08**
Operator	**Skelton**	Field ID	**00M2MW24**
Date Acquired	**15 Jun 2000 2:54 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	70	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
75718	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-34-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
156-59-4	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene	18.85	83742	1.75 ug/L	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene	27.57	157625	5.67 ug/L	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene	33.34	65123	3.54 ug/L	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **00M2MW24**

Lab Name: FMETL Project: 000004

NJDEP#: 13461 Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007258.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: not dec. _____ Date Analyzed: 6/15/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04124.D**	Sample Name	**Sblk385**
Operator	**Bhaskar**	Misc Info	**Sblk385 A 000619**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04124.D**	Sample Name	**Sblk385**
Operator	**Bhaskar**	Misc Info	**Sblk385 A 000619**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk385**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk385

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04124.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04137.D**	Sample Name	**Sblk386**
Operator	**Bhaskar**	Misc Info	**Sblk386 A 000620**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04137.D**	Sample Name	**Sblk386**
Operator	**Bhaskar**	Misc Info	**Sblk386 A 000620**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Sblk386**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Sblk386

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04137.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04126.D**	Sample Name	**5471.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04126.D**	Sample Name	**5471.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04126.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04148.D**	Sample Name	**5475.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04148.D**	Sample Name	**5475.02**
Operator	**Bhaskar**	Misc Info	**Field Blank**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.52	547204	15.30 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Blank**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.02

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04148.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04127.D**	Sample Name	**5471.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04127.D**	Sample Name	**5471.03**
Operator	**Bhaskar**	Misc Info	**Dupe**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Dupe**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04127.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.76	36	JN
2. 000105-60-2	Caprolactam	14.25	7	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04153.D**	Sample Name	**5475.07**
Operator	**Bhaskar**	Misc Info	**Field Dupe**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04153.D**	Sample Name	**5475.07**
Operator	**Bhaskar**	Misc Info	**Field Dupe**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.51	123912	3.28 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **Field Dup.**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04153.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.98	5	J
2.	unknown	29.28	8	J
3.	unknown	31.06	34	J
4.	unknown	33.61	58	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04150.D**	Sample Name	**5475.04**
Operator	**Bhaskar**	Misc Info	**00M2MW11**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04150.D**	Sample Name	**5475.04**
Operator	**Bhaskar**	Misc Info	**00M2MW11**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW11**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04150.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	26.25	9	J
2.	unknown	28.29	9	J
3.	unknown	33.94	41	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04149.D**	Sample Name	**5475.03**
Operator	**Bhaskar**	Misc Info	**00M2MW12**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04149.D**	Sample Name	**5475.03**
Operator	**Bhaskar**	Misc Info	**00M2MW12**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.52	106332	3.04 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW12**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.03

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04149.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 4 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.98	4	J
2.	unknown	29.28	9	J
3.	unknown	31.06	33	J
4.	unknown	33.62	56	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04129.D**	Sample Name	**5471.05**
Operator	**Bhaskar**	Misc Info	**00M2MW13**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04129.D**	Sample Name	**5471.05**
Operator	**Bhaskar**	Misc Info	**00M2MW13**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW13**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04129.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04128.D**	Sample Name	**5471.04**
Operator	**Bhaskar**	Misc Info	**00M2MW14**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene	13.30	148045	3.46 ug/L	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.97	37458	1.36 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.68	31242	1.19 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04128.D**	Sample Name	**5471.04**
Operator	**Bhaskar**	Misc Info	**00M2MW14**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW14**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.04

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04128.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000090-12-0	Naphthalene, 1-methyl-	15.25	6	JN
2. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.30	34	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04131.D**	Sample Name	**5471.07**
Operator	**Bhaskar**	Misc Info	**00M2MW15**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol	9.81	51970	2.51 ug/L	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol	11.44	55675	3.90 ug/L	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid	12.89	19266	2.09 ug/L	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene	13.30	2020318	49.72 ug/L	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.96	454231	17.34 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene	17.69	586221	23.50 ug/L	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran	18.05	605085	17.74 ug/L	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04131.D**	Sample Name	**5471.07**
Operator	**Bhaskar**	Misc Info	**00M2MW15**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene	18.84	476317	16.33 ug/L	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene	20.93	429284	10.68 ug/L	NLE	1.23	ug/L	
120-12-7	Anthracene	21.02	69653	1.70 ug/L	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene	23.43	76536	1.81 ug/L	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW15**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.07

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04131.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000270-82-6	Benzo[c]thiophene	13.44	6	JN
2. 000103-82-2	Benzeneacetic acid	14.19	10	JN
3. 000264-09-5	Benzocycloheptatriene	15.25	16	JN
4. 000092-52-4	Biphenyl	16.21	5	JN
5. 000086-74-8	Carbazole	21.42	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04144.D**	Sample Name	**5471.11**
Operator	**Bhaskar**	Misc Info	**00M2MW16**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04144.D**	Sample Name	**5471.11**
Operator	**Bhaskar**	Misc Info	**00M2MW16**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	62964	1.74 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW16**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.11

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04144.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	22.13	4	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04145.D**	Sample Name	**5471.12**
Operator	**Bhaskar**	Misc Info	**00M2MW17**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208 96 8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04145.D**	Sample Name	**5471.12**
Operator	**Bhaskar**	Misc Info	**00M2MW17**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW17**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.12

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04145.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.29	28	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04140.D**	Sample Name	**5471.09**
Operator	**Bhaskar**	Misc Info	**00M2MW18**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04140.D**	Sample Name	**5471.09**
Operator	**Bhaskar**	Misc Info	**00M2MW18**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW18**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.09

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04140.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 003687-45-4	9-Octadecenoic acid (Z)-, 9-octad	32.29	10	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04151.D**	Sample Name	**5475.05**
Operator	**Bhaskar**	Misc Info	**00M2MW19**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04151.D**	Sample Name	**5475.05**
Operator	**Bhaskar**	Misc Info	**00M2MW19**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW19**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5475.05

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04151.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	31.06	16	J
2.	unknown	33.60	28	J

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04152.D**	Sample Name	**5475.06**
Operator	**Bhaskar**	Misc Info	**00M2MW20**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04152.D**	Sample Name	**5475.06**
Operator	**Bhaskar**	Misc Info	**00M2MW20**
Date Acquired	**21-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW20**

Lab Name: FMETL Lab Code 13461

Project: 98-0211 Case No.: 5475 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5475.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04152.D

Level: (low/med) LOW Date Received: 6/14/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/21/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04146.D**	Sample Name	**5471.13**
Operator	**Bhaskar**	Misc Info	**00M2MW21**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene	10.23	41950	2.06 ug/L	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.34	84706	4.13 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.96	103459	3.34 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04146.D**	Sample Name	**5471.13**
Operator	**Bhaskar**	Misc Info	**00M2MW21**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	276987	7.55 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW21**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5471.13

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04146.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: _____ decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.72	5	J
2. 000934-34-9	2(3H)-Benzothiazolone	19.71	5	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04141.D**	Sample Name	**5471.10**
Operator	**Bhaskar**	Misc Info	**00M2MW22**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene			not detected	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
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Data File Name	**BNA04141.D**	Sample Name	**5471.10**
Operator	**Bhaskar**	Misc Info	**00M2MW22**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate			not detected	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW22**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.10

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04141.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001462-03-9	Cyclopentanol, 1-methyl-	5.76	30	JN
2. 000105-60-2	Caprolactam	14.25	6	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04130.D**	Sample Name	**5471.06**
Operator	**Bhaskar**	Misc Info	**00M2MW23**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.35	45369	2.65 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene			not detected	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.96	108003	4.13 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

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Data File Name	**BNA04130.D**	Sample Name	**5471.06**
Operator	**Bhaskar**	Misc Info	**00M2MW23**
Date Acquired	**19-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine	19.17	41452	2.11 ug/L	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	128355	4.11 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW23**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.06

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04130.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/19/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/19/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	10.78	5	J
2. 000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	11.59	6	JN
3.	unknown	12.73	6	J
4. 000934-34-9	2(3H)-Benzothiazolone	19.71	6	JN
5. 022393-98-2	9-Hexadecenoic acid, 9-octadece	32.29	20	JN

Semi-Volatile Analysis Report

U.S. Army, Fort Monmouth Environmental Laboratory

NJDEP Certification #13461

Data File Name	**BNA04139.D**	Sample Name	**5471.08**
Operator	**Bhaskar**	Misc Info	**00M2MW24**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
110-86-1	Pyridine			not detected	NLE	1.83	ug/L	
62-75-9	N-nitroso-dimethylamine			not detected	20	0.91	ug/L	
62-53-3	Aniline			not detected	NLE	1.63	ug/L	
108-95-2	Phenol			not detected	4000	0.82	ug/L	
111-44-4	bis(2-Chloroethyl)ether			not detected	10	1.28	ug/L	
95-57-8	2-Chlorophenol			not detected	40	2.00	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	1.21	ug/L	
106-46-7	1,4-Dichlorobenzene	10.34	51237	2.52 ug/L	75	1.19	ug/L	
100-51-6	Benzyl alcohol			not detected	NLE	1.02	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	1.13	ug/L	
95-48-7	2-Methylphenol			not detected	NLE	1.17	ug/L	
108-60-1	bis(2-chloroisopropyl)ether			not detected	300	1.39	ug/L	
106-44-5	4-Methylphenol			not detected	NLE	0.35	ug/L	
621-64-7	n-Nitroso-di-n-propylamine			not detected	20	0.80	ug/L	
67-72-1	Hexachloroethane			not detected	10	1.50	ug/L	
98-95-3	Nitrobenzene			not detected	10	0.97	ug/L	
78-59-1	Isophorone			not detected	100	1.01	ug/L	
88-75-5	2-Nitrophenol			not detected	NLE	1.92	ug/L	
105-67-9	2,4-Dimethylphenol			not detected	100	2.62	ug/L	
111-91-1	bis(2-Chloroethoxy)methane			not detected	NLE	1.21	ug/L	
120-83-2	2,4-Dichlorophenol			not detected	20	1.33	ug/L	
65-85-0	Benzoic Acid			not detected	NLE	1.75	ug/L	
120-82-1	1,2,4-Trichlorobenzene			not detected	9	1.22	ug/L	
91-20-3	Naphthalene	13.29	219971	4.64 ug/L	NLE	1.27	ug/L	
106-47-8	4-Chloroaniline			not detected	NLE	1.09	ug/L	
87-68-3	Hexachlorobutadiene			not detected	1	0.71	ug/L	
59-50-7	4-Chloro-3-methylphenol			not detected	NLE	1.39	ug/L	
91-57-6	2-Methylnaphthalene	14.96	253841	8.30 ug/L	NLE	1.08	ug/L	
77-47-4	Hexachlorocyclopentadiene			not detected	50	1.32	ug/L	
88-06-2	2,4,6-Trichlorophenol			not detected	20	1.78	ug/L	
95-95-4	2,4,5-Trichlorophenol			not detected	700	1.28	ug/L	
91-58-7	2-Chloronaphthalene			not detected	NLE	1.01	ug/L	
88-74-4	2-Nitroaniline			not detected	NLE	0.96	ug/L	
131-11-3	Dimethylphthalate			not detected	7000	1.52	ug/L	
208-96-8	Acenaphthylene			not detected	NLE	0.96	ug/L	
606-20-2	2,6-Dinitrotoluene			not detected	NLE	0.81	ug/L	
99-09-2	3-Nitroaniline			not detected	NLE	0.79	ug/L	
83-32-9	Acenaphthene			not detected	400	1.10	ug/L	
51-28-5	2,4-Dinitrophenol			not detected	40	1.44	ug/L	
132-64-9	Dibenzofuran			not detected	NLE	1.00	ug/L	
100-02-7	4-Nitrophenol			not detected	NLE	1.06	ug/L	

Semi-Volatile Analysis Report
Page 2

Data File Name	**BNA04139.D**	Sample Name	**5471.08**
Operator	**Bhaskar**	Misc Info	**00M2MW24**
Date Acquired	**20-Jun-00**	Sample Multiplier	**1**

CAS#	Name	R.T.	Response	Result	Regulatory Level (ug/L)*	MDL		Qualifiers
121-14-2	2,4-Dinitrotoluene			not detected	10	0.87	ug/L	
84-66-2	Diethylphthalate			not detected	5000	1.62	ug/L	
86-73-7	Fluorene			not detected	300	0.99	ug/L	
7005-72-3	4-Chlorophenyl-phenylether			not detected	NLE	1.10	ug/L	
100-01-6	4-Nitroaniline			not detected	NLE	1.05	ug/L	
534-52-1	4,6-Dinitro-2-methylphenol			not detected	NLE	1.98	ug/L	
86-30-6	n-Nitrosodiphenylamine			not detected	20	1.01	ug/L	
103-33-3	Azobenzene			not detected	NLE	0.67	ug/L	
101-55-3	4-Bromophenyl-phenylether			not detected	NLE	0.76	ug/L	
118-74-1	Hexachlorobenzene			not detected	10	0.94	ug/L	
87-86-5	Pentachlorophenol			not detected	1	1.42	ug/L	
85-01-8	Phenanthrene			not detected	NLE	1.23	ug/L	
120-12-7	Anthracene			not detected	2000	1.12	ug/L	
84-74-2	Di-n-butylphthalate			not detected	900	1.70	ug/L	
206-44-0	Fluoranthene			not detected	300	1.64	ug/L	
92-87-5	Benzidine			not detected	50	4.18	ug/L	
129-00-0	Pyrene			not detected	200	1.25	ug/L	
85-68-7	Butylbenzylphthalate			not detected	100	1.05	ug/L	
56-55-3	Benzo[a]anthracene			not detected	10	1.19	ug/L	
91-94-1	3,3'-Dichlorobenzidine			not detected	60	1.75	ug/L	
218-01-9	Chrysene			not detected	20	1.38	ug/L	
117-81-7	bis(2-Ethylhexyl)phthalate	26.54	176166	4.70 ug/L	30	1.74	ug/L	
117-84-0	Di-n-octylphthalate			not detected	100	1.44	ug/L	
205-99-2	Benzo[b]fluoranthene			not detected	10	1.25	ug/L	
207-08-9	Benzo[k]fluoranthene			not detected	2	1.29	ug/L	
50-32-8	Benzo[a]pyrene			not detected	20	1.05	ug/L	
193-39-5	Indeno[1,2,3-cd]pyrene			not detected	20	0.83	ug/L	
53-70-3	Dibenz[a,h]anthracene			not detected	20	0.64	ug/L	
191-24-2	Benzo[g,h,i]perylene			not detected	NLE	0.84	ug/L	

* Higher of PQL's and Ground Water Criteria as per NJAC 7:9-6 2-Sept-97

Qualifiers

E= Value Exceeds Linear Range
D= Value from dilution
B= Compound in Related Blank
PQL= Practical Quantitation Limit

MDL= Method Detection Limit
NLE= No Limit Established
R.T.=Retention Time

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field Id: **00M2MW24**

Lab Name: FMETL Lab Code 13461

Project: LTM Case No.: 5471 Location: M2 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5471.08

Sample wt/vol: 1000 (g/ml) ML Lab File ID: BNA04139.D

Level: (low/med) LOW Date Received: 6/13/00

% Moisture: decanted: (Y/N) N Date Extracted: 6/20/00

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 6/20/00

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 16 (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000098-82-8	Benzene, (1-methylethyl)-	8.65	5	JN
2. 000103-65-1	Benzene, propyl-	9.22	7	JN
3. 000496-11-7	Indane	10.78	12	JN
4. 000141-93-5	Benzene, 1,3-diethyl-	10.97	5	JN
5. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	11.59	7	JN
6. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	12.11	6	JN
7. 000767-58-8	Indan, 1-methyl-	12.52	5	JN
8. 000767-99-7	Benzene, (1-methyl-1-propenyl)-,	12.72	20	JN
9. 017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimet	13.40	4	JN
10. 000090-12-0	Naphthalene, 1-methyl-	15.25	20	JN
11. 000582-16-1	Naphthalene, 2,7-dimethyl-	16.57	5	JN
12. 000581-40-8	Naphthalene, 2,3-dimethyl-	16.78	6	JN
13.	unknown	18.07	6	J
14.	unknown	18.38	5	J
15.	unknown	18.83	6	J
16.	unknown	18.95	6	J

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK540
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK541
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field DUP.
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5475.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2-LANDFILL
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected

MDL = Method Detection Limit

NLE = No Limit Established

PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um

Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5471.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/13/00
	Bldg. 173	**Extraction Date:**	6/16/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/16/00
Analysis:	EPA Method 608	**Location :**	M2 New Wells
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	00M2MW24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
alpha-BHC	1		0.02	0.0007	ND
beta-BHC	1		0.20	0.0014	ND
gamma-BHC	1		0.20	0.0012	ND
delta-BHC	1		NLE	0.0021	ND
Heptachlor	1		0.40	0.0016	ND
Aldrin	1		0.04	0.0014	ND
Heptachlor Epoxide	1		0.20	0.0008	ND
Endosulfan I	1		0.40	0.0014	ND
4,4'-DDE	1		0.10	0.0014	ND
Dieldrin	1		0.03	0.0011	ND
Endrin	1		2.00	0.0012	ND
Endrin Ketone	1		NLE	0.0012	ND
Endosulfan II	1		0.40	0.0006	ND
4,4'-DDD	1		0.10	0.0012	ND
4,4'-DDT	1		0.10	0.0019	ND
Endosulfan-Sulfate	1		0.40	0.0018	ND
Methoxychlor	1		40.00	0.0022	ND
Alpha-chlordane	1		0.50	0.0007	ND
Gamma-chlordane	1		0.50	0.0007	ND
Toxaphene	1		3.00	0.0273	ND
Arochlor 1016	1		0.50	0.0683	ND
Arochlor 1221	1		0.50	0.0666	ND
Arochlor 1232	1		0.50	0.0648	ND
Arochlor 1242	1		0.50	0.0485	ND
Arochlor 1248	1		0.50	0.0544	ND
Arochlor 1254	1		0.50	0.0608	ND
Arochlor 1260	1		0.50	0.0732	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471
Sample Prepared: 06/16/00
Sample Matrix: Aq

Site: M2

Field ID: Method Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	2.39	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	1.20	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	69.7	NLE	20.0
Chromium	06/15/00	1.10	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	124	1000	3.0
Iron	06/15/00	ND	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	130	NLE	20.0
Manganese	06/15/00	ND	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	1.80	100	0.5
Potassium	06/15/00	220	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	2720	50000	20.0
Thallium	06/15/00	ND	10	1.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	1.98	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475
Sample Prepared:
Sample Matrix: Aq

Site: M2

Field ID: Method Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	2.39	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	1.20	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	69.7	NLE	20.0
Chromium	06/15/00	1.10	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	124	1000	3.0
Iron	06/15/00	ND	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	130	NLE	20.0
Manganese	06/15/00	ND	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	1.80	100	0.5
Potassium	06/15/00	220	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	2720	50000	20.0
Thallium	06/15/00	ND	10	1.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	1.98	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.02
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	ND	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	ND	NLE	20.0
Chromium	06/15/00	ND	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	ND	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	ND	NLE	20.0
Manganese	06/15/00	ND	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	ND	100	0.5
Potassium	06/15/00	ND	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	ND	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.02
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: Field Blank

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	ND	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	ND	NLE	20.0
Chromium	06/15/00	ND	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	ND	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	ND	NLE	20.0
Manganese	06/15/00	ND	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	ND	100	0.5
Potassium	06/15/00	ND	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	ND	50000	20.0
Thallium	06/15/00	3.18	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	ND	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.03
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: Dupe

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	71.8	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	39400	NLE	20.0
Chromium	06/15/00	3.45	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	6.55	1000	3.0
Iron	06/15/00	33500	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	5870	NLE	20.0
Manganese	06/15/00	301	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	3.66	100	0.5
Potassium	06/15/00	7550	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	12200	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	98.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.07
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: Field Dup

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	130	200	10.0
Antimony	06/15/00	3.47	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	33.9	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	35300	NLE	20.0
Chromium	06/15/00	3.22	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	41.4	1000	3.0
Iron	06/15/00	584	300	10.0
Lead	06/15/00	7.72	10	2.0
Magnesium	06/15/00	3710	NLE	20.0
Manganese	06/15/00	25.1	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	7.22	100	0.5
Potassium	06/15/00	5860	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	3140	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	114	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.04
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW11

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	80.9	200	10.0
Antimony	06/15/00	3.56	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	35.0	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	40500	NLE	20.0
Chromium	06/15/00	6.06	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	400	1000	3.0
Iron	06/15/00	306	300	10.0
Lead	06/15/00	84.5	10	2.0
Magnesium	06/15/00	3900	NLE	20.0
Manganese	06/15/00	24.7	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	18.4	100	0.5
Potassium	06/15/00	5850	NLE	20.0
Selenium	06/15/00	3.45	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	3720	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	551	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.03
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW12

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	136	200	10.0
Antimony	06/15/00	3.80	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	40.8	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	35400	NLE	20.0
Chromium	06/15/00	3.38	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	51.0	1000	3.0
Iron	06/15/00	1410	300	10.0
Lead	06/15/00	4.84	10	2.0
Magnesium	06/15/00	3750	NLE	20.0
Manganese	06/15/00	33.7	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	7.20	100	0.5
Potassium	06/15/00	5720	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	3200	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	89.3	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.05
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW13

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	71.6	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	53.6	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	19500	NLE	20.0
Chromium	06/15/00	2.77	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	5.77	1000	3.0
Iron	06/15/00	11400	300	10.0
Lead	06/15/00	2.72	10	2.0
Magnesium	06/15/00	2090	NLE	20.0
Manganese	06/15/00	90.4	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	2.49	100	0.5
Potassium	06/15/00	5680	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	11500	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	16.9	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.04
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW14

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	206	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	34.0	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	15400	NLE	20.0
Chromium	06/15/00	5.69	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	38900	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	6110	NLE	20.0
Manganese	06/15/00	329	50	0.5
Mercury	06/15/00	0.2	2	0.1
Nickel	06/15/00	3.60	100	0.5
Potassium	06/15/00	1520	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	15900	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	3.08	NLE	1.0
Zinc	06/15/00	20.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.07
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW15

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	217	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	4.96	8	2.0
Barium	06/15/00	67.0	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	32800	NLE	20.0
Chromium	06/15/00	4.76	100	0.5
Cobalt	06/15/00	1.45	NLE	0.5
Copper	06/15/00	150	1000	3.0
Iron	06/15/00	4950	300	10.0
Lead	06/15/00	41.5	10	2.0
Magnesium	06/15/00	4480	NLE	20.0
Manganese	06/15/00	79.1	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	12.5	100	0.5
Potassium	06/15/00	8000	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	18400	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	7.47	NLE	1.0
Zinc	06/15/00	274	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.11
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW16

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	97.4	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	20400	NLE	20.0
Chromium	06/15/00	2.03	100	0.5
Cobalt	06/15/00	0.578	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	13700	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	3060	NLE	20.0
Manganese	06/15/00	247	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	8.23	100	0.5
Potassium	06/15/00	1210	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	11800	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	109	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.12
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW17

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	515	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	133	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	17900	NLE	20.0
Chromium	06/15/00	3.60	100	0.5
Cobalt	06/15/00	2.86	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	325	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	6340	NLE	20.0
Manganese	06/15/00	35.8	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	7.78	100	0.5
Potassium	06/15/00	2760	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	10400	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	27.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.09
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW18

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	23.1	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	59.3	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	27200	NLE	20.0
Chromium	06/15/00	2.74	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	11000	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	4290	NLE	20.0
Manganese	06/15/00	137	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	2.42	100	0.5
Potassium	06/15/00	6870	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	5740	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	22.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.05
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW19

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	161	200	10.0
Antimony	06/15/00	3.54	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	38.2	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	43300	NLE	20.0
Chromium	06/15/00	2.50	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	16.0	1000	3.0
Iron	06/15/00	830	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	3110	NLE	20.0
Manganese	06/15/00	66.7	50	0.5
Mercury	06/15/00	0.1	2	0.1
Nickel	06/15/00	5.83	100	0.5
Potassium	06/15/00	5700	NLE	20.0
Selenium	06/15/00	4.38	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	4330	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	4.19	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5475.06
Sample Received: 06/14/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW20

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	46.9	200	10.0
Antimony	06/15/00	3.33	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	37.1	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	43100	NLE	20.0
Chromium	06/15/00	1.85	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	16.7	1000	3.0
Iron	06/15/00	437	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	2750	NLE	20.0
Manganese	06/15/00	35.4	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	5.58	100	0.5
Potassium	06/15/00	9280	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	11100	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	5.94	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.13
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW21

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	166	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	621	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	94600	NLE	20.0
Chromium	06/15/00	6.35	100	0.5
Cobalt	06/15/00	0.641	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	63600	300	10.0
Lead	06/15/00	10.1	10	2.0
Magnesium	06/15/00	7290	NLE	20.0
Manganese	06/15/00	643	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	3.37	100	0.5
Potassium	06/15/00	4500	NLE	20.0
Selenium	06/15/00	3.91	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	15700	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	2.48	NLE	1.0
Zinc	06/15/00	21.1	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.10
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW22

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	ND	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	72.2	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	38700	NLE	20.0
Chromium	06/15/00	3.28	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	22.8	1000	3.0
Iron	06/15/00	33500	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	5780	NLE	20.0
Manganese	06/15/00	295	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	3.39	100	0.5
Potassium	06/15/00	7550	NLE	20.0
Selenium	06/15/00	ND	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	11900	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	ND	NLE	1.0
Zinc	06/15/00	89.6	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.06
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW23

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	22.6	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	451	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	72600	NLE	20.0
Chromium	06/15/00	7.39	100	0.5
Cobalt	06/15/00	0.557	NLE	0.5
Copper	06/15/00	176	1000	3.0
Iron	06/15/00	61100	300	10.0
Lead	06/15/00	39.3	10	2.0
Magnesium	06/15/00	8360	NLE	20.0
Manganese	06/15/00	292	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	9.73	100	0.5
Potassium	06/15/00	5250	NLE	20.0
Selenium	06/15/00	5.36	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	12600	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	6.63	NLE	1.0
Zinc	06/15/00	260	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 5471.08
Sample Received: 06/13/00
Sample Matrix: Aq

Site: M2

Field ID: 0M2MW24

Method of Extraction: E.P.A SW-846, Method 3015A
Method of Analysis: Std. Methods 18th, Method 3120B, 3112B

TAL-METALS RESULTS SUMMARY (ppb)

Element	Date of Analysis	Result (ug/L)	Regulatory Level (ug/L)*	MDL (ug/L)
Aluminum	06/15/00	155	200	10.0
Antimony	06/15/00	ND	20	2.0
Arsenic	06/15/00	ND	8	2.0
Barium	06/15/00	329	2000	0.5
Beryllium	06/15/00	ND	20	0.5
Cadmium	06/15/00	ND	4	0.5
Calcium	06/15/00	56900	NLE	20.0
Chromium	06/15/00	5.93	100	0.5
Cobalt	06/15/00	ND	NLE	0.5
Copper	06/15/00	ND	1000	3.0
Iron	06/15/00	56100	300	10.0
Lead	06/15/00	ND	10	2.0
Magnesium	06/15/00	5040	NLE	20.0
Manganese	06/15/00	682	50	0.5
Mercury	06/15/00	ND	2	0.1
Nickel	06/15/00	3.37	100	0.5
Potassium	06/15/00	3000	NLE	20.0
Selenium	06/15/00	5.60	50	3.0
Silver	06/15/00	ND	20	3.0
Sodium	06/15/00	8050	50000	20.0
Thallium	06/15/00	ND	10	3.0
Vanadium	06/15/00	2.94	NLE	1.0
Zinc	06/15/00	14.5	5000	1.0

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 4

FORT MONMOUTH LONG-TERM MONITORING PROGRAM
SURFACE WATER (STREAM) SAMPLING
PRESENTED IN TABLE 6

October 1996
November 1996
December 1996
29 January 1997
26 February 1997
10 March 1997
1997 2nd Quarter (8 April 1997)
1997 3rd Quarter (17 July 1997)
1997 4th Quarter (30 October 1997)
1998 1st Quarter (10 February 1998)
1998 2nd Quarter (21 April 1998)
1998 3rd Quarter (19 August 1998)
1998 4th Quarter (17 November 1998)
1999 1st Quarter (25 February 1999)
1999 2nd Quarter (29 June 1999)
1999 3rd Quarter (22 September 1999)
1999 4th Quarter (8 December 1999)
2000 1st Quarter (1 March 2000)
2000 2nd Quarter (12 June 2000)

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/4th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 01	2178.01	Aqueous	8-Oct-96 08:55	10/08/96
Stream Site 02	2178.02	Aqueous	8-Oct-96 07:15	10/08/96
Stream Site 03	2178.03	Aqueous	8-Oct-96 07:35	10/08/96
Stream Site 04	2178.04	Aqueous	8-Oct-96 07:50	10/08/96
Stream Site 05	2178.05	Aqueous	8-Oct-96 08:00	10/08/96
Stream Site 06	2178.06	Aqueous	8-Oct-96 08:10	10/08/96
Stream Site 07	2178.07	Aqueous	8-Oct-96 08:25	10/08/96
Stream Site 08	2178.08	Aqueous	8-Oct-96 09:18	10/08/96
Stream Site 09	2178.09	Aqueous	8-Oct-96 09:25	10/08/96
Stream Site 10	2178.10	Aqueous	8-Oct-96 09:45	10/08/96
Stream Site 11	2178.11	Aqueous	8-Oct-96 10:10	10/08/96
Stream Site 12	2178.12	Aqueous	8-Oct-96 09:35	10/08/96
Stream Site 13	2178.N 13	Aqueous	8-Oct-96 10:10	10/08/96
Stream Site 14	2178.12 14	Aqueous	8-Oct-96 10:15	10/08/96
Stream Site 15	2178.13 15	Aqueous	8-Oct-96 09:10	10/08/96

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Patel
For Daniel Wright 10/22/96
Daniel Wright/Date
Laboratory Director

U.S. ARMY FORT MONMOUTH

P.O. #:

Chain of Custody

Project #:	Sampler: Ray Poynot Scott Wedgeman	Date / Time 10/8/96 0630	Analysis Parameters
Customer: U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	Site Name: Stream sampling October		Start:
Phone:			Finish:

Preservation Method

Lab Sample ID Number	Date/Time		Customer Sample Location/ID Number	Sample Matrix	# of Bottles	Temp. °C	pH Temp deg	Dissolved O2 (DO)	SO4 NO3 PO4	NH3	Micro Biology	VOA's	Salinity	Remarks
21781	10/8/96	955	Stream site 1	Aqua	5	14.1	8.31	9.5	X	X	X	X	0.41	All samples kept ≤ 4°C
.2		715	2			14.2	7.65	9.6					0.13	NH3 hrs H2S 0y
.3		735	3			13.1	7.58	9.5					0.37	34 VOAs 40ml
.4		750	4			14.1	7.11	7.5					3.18	1Q 250ml Plastic
.5		800	5			14.4	7.41	7.4					2.78	1Q 500ml Plastic
.6		810	6			14.3	7.41	7.4					2.63	1Q 300ml BOD Glass
.7		825	7			15.0	7.52	9.7					10.53	
.8		918	8			14.1	7.65	7.0					0.53	
.9		925	9			14.1	7.51	6.9					0.53	
.10		945	10	↓		14.1	8.15	9.9	↓	↓	↓	↓	0.14	
.11	↓	1000	11	Aqua	2							X		

Relinquished By (signature) Rec Lab	Date / Time 10/8/96 1115	Received By (signature) Sarah J Hubbard	Shipped By:
Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

'ornmental Laboratory

Registration Number 13461

U.S. ARMY FORT MONMOUTH

P.O. #:

Chain of Custody

Project #:	Sampler: Ray Fogwist Scott Wagenman	Date / Time 10/8/96 0630	Analysis Parameters
Customer: U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	Site Name: STREAM SAMPLING October		Start: / Finish:
Phone:			Preservation Method

Lab Sample ID Number	Date/Time		Customer Sample Location/ID Number	Sample Matrix	# of Bottles	pH Temp	Dissolved O2	SO4 NO3 COD	NH3	Microbiology	VOA's	Remarks
21798 12	10/8/96	935	stream site 12	AQUE	2					X		All samples kept ≤ 4°C
13			13							X		NH3 has - H2SO4
14			14							X		
15			15							X		
16		0950	T.B. Blank							X		
17		0710	Field Blank							X		

Relinquished By (signature) Jack Lentz	Date / Time 10/8/96 1115	Received By (signature) Sarah Howard	Shipped By:
Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

Enviornmental Laboratory

Certification Number 13461

October 5, 1946 Sampling For VOCs

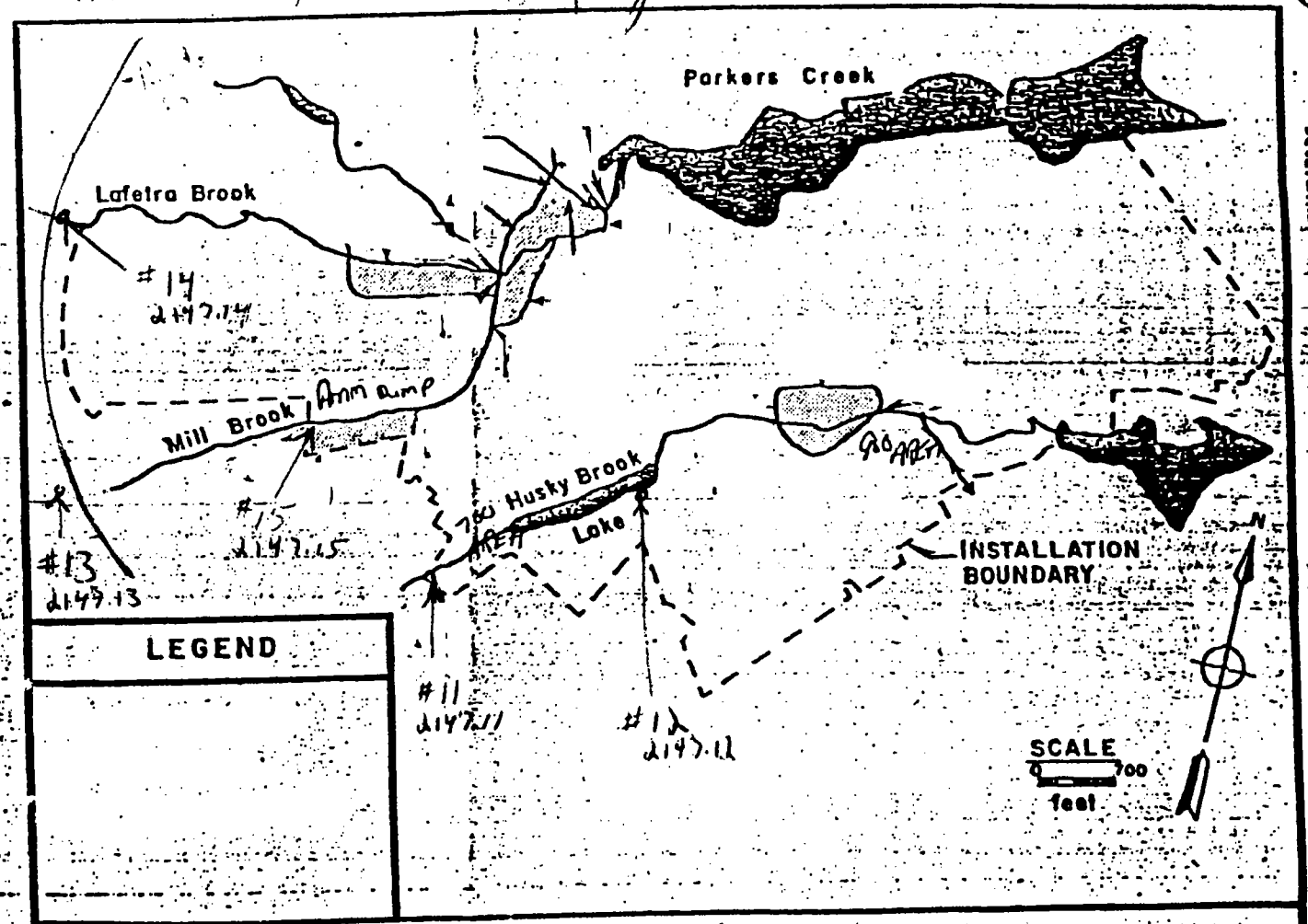


FIGURE. SAMPLING POINTS

Water Quality Engineering Consultation No. 32-24-0725-86, Stream and Ground-Water Monitoring Well Sampling for Landfill Discharge Determination, Fort Monmouth, New Jersey, 1 October 1985

601/602 Analysis Data Sheet

Sample I.D.: **M.Blank**
Misc. ID:
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102103.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.36	**4.73 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	NA	<	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	20.95	104.75	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	21.79	108.95	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.28	96.4	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	18.07	90.35	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.1**
Misc. ID: **Site #1**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102105.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.36	**3.84 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.32	**2.61**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**8.44**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.50	107.5	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	23.18	115.9	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.96	94.8	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.82	89.1	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.2**
Misc. ID: **Site #2**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102106.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.36	**3.87 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**1.75**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**5.97**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.70	21.30	106.5	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	22.84	114.2	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.57	92.85	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.50	87.5	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.3**
Misc. ID: **Site #3**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102107.D

Results:

Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.36	**3.90 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**0.66**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**2.08**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.70	21.34	106.7	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	21.15	105.75	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.69	98.45	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.62	88.1	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.4**
Misc. ID: **Site #4**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102108.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.34	**3.75 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**0.64**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.18	**2.35**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.68	21.03	105.15	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	21.49	107.45	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.66	93.3	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.59	87.95	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.5**
Misc. ID: **Site #5**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102109.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.37	**3.52 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**0.81**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**2.76**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.70	20.55	102.75	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.30	106.5	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.99	94.95	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.73	88.65	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.6**
Misc. ID: **Site #6**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102110.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.36	**3.69 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.32	**0.92**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**3.05**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.70	21.76	108.8	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.93	109.65	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.11	95.55	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.73	88.65	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.7**
Misc. ID: **Site #7**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102111.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.37	**3.59 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.32	**0.11**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.18	**0.39**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.67	20.89	104.45	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	19.69	98.45	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.76	98.8	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.85	89.25	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.8**
Misc. ID: **Site #8**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102112.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.34	**3.82 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.32	**0.27**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	20.99	104.95	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	22.12	110.6	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.76	93.8	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.81	89.05	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.9**
Misc. ID: **Site #9**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102113.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.35	**3.79 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**0.24**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.17	105.85	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.32	106.6	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.07	95.35	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.87	89.35	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.10**
Misc. ID: **Site #10**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102114.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	4.06	**0.89**	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.35	**3.78 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**1.13**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.18	**0.11**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.65	108.25	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.84	109.2	80-120
78	2-Bromochlorobenzene (S)	28.23	28.22	19.03	95.15	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.88	89.4	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.11**
Misc. ID: **Site #11**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102119.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	4.06	**1.21**	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.35	**3.71 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**1.76**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.18	**0.12**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	20.68	103.4	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.64	108.2	80-120
78	2-Bromochlorobenzene (S)	28.23	28.22	18.46	92.3	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	18.06	90.3	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.12**
Misc. ID: **Site #12**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102120.D

Results:

Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.35	**3.79 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**0.14**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.18	**0.02 J**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.49	107.45	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	20.63	103.15	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.77	93.85	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.58	87.9	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.13**
Misc. ID: **Site #13**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102121.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.35	**3.76 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	NA	<	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	20.86	104.3	80-120
43	1,4-Dichlorobutane (s)	24.88	24.86	21.14	105.7	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.61	93.05	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.45	87.25	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.14**
Misc. ID: **Site #14**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102122.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.38	**3.65 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	NA	<	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**0.01 J**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.24	106.2	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	20.93	104.65	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.16	95.8	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.10	17.46	87.3	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.15**
Misc. ID: **Site #15**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102123.D

Results:

Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.37	**3.85 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	NA	<	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	19.31	**2.58**	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	23.17	**8.41**	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	21.13	105.65	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	20.74	103.7	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.87	94.35	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	18.18	90.9	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.16**
Misc. ID: **trip blank**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102124.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.37	**13.22 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	12.97	**6.47**	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	NA	<	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	19.41	**0.35**	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	19.80	99	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	21.04	105.2	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	18.74	93.7	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.79	88.95	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

601/602 Analysis Data Sheet

Sample I.D.: **2178.17**
Misc. ID: **field blank**
Date Analyzed: **10/21/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\102125.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.69	NA	<	0.04
2	Chloromethane	3.77	NA	<	0.13
3	Vinyl Chloride	4.10	NA	<	0.08
4	Bromomethane	4.64	NA	<	0.09
5	Chloromethane	4.91	NA	<	0.08
6	Trichlorofluoromethane	5.99	NA	<	0.12
7	1,1-Dichloroethene	7.02	NA	<	0.11
8	Methylene Chloride	7.34	7.34	**9.92 B**	0.04
9	Trans-1,2-dichloroethene	9.14	NA	<	0.06
10	1,1-Dichloroethane	9.92	NA	<	0.08
12	Chloroform	12.99	12.88	**1.52**	0.02
13	1,1,1-trichloroethane	15.71	NA	<	0.09
14	Carbon tetrachloride	16.92	NA	<	0.02
15	1,2-Dichloroethane	15.42	NA	<	0.06
16	Trichloroethene	19.30	NA	<	0.03
17	1,2-dichloropropane	19.16	NA	<	0.08
18	Bromodichloromethane	19.42	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.64	NA	<	0.07
20	cis-1,3-dichloropropene	20.92	NA	<	0.01
21	Trans-1,3-dichloropropene	21.73	NA	<	0.02
22	1,1,2-trichloroethane	21.91	NA	<	0.07
23	Tetrachloroethene	23.17	NA	<	0.07
24	Dibromochloromethane	22.58	NA	<	0.03
25	Bromoform	24.55	NA	<	0.02
26	1,1,2,2-tetrachloroethane	24.90	NA	<	0.04
28	Benzene	17.12	NA	<	0.02
29	Toluene	22.17	NA	<	0.05
60	Ethylbenzene	24.25	NA	<	0.04
61	p&m - Xylene	24.48	NA	<	0.05
63	o - Xylene	24.89	NA	<	0.04
73	1,3-dichlorobenzene	26.53	NA	<	0.24
75	1,4-dichlorobenzene	26.60	NA	<	0.16
77	1,2-dichlorobenzene	26.94	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.69	12.69	19.31	96.55	80-120
43	1,4-Dichlorobutane (s)	24.88	24.87	21.47	107.35	80-120
78	2-Bromochlorobenzene (S)	28.23	28.23	19.22	96.1	80-120
83	aaa-Trifluorotoluene (s)	20.10	20.09	17.29	86.45	80-120

B = Found in the Blank
NA = Not Applicable
J = Detected Below MDL
E = Estimated Value

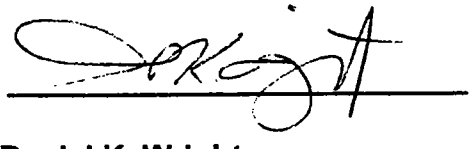
Stream Water Analysis
October 1996

Sample ID	Date Sampled	Stream Site #	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform CFU	F.Coliform CFU	Salinity g/Kg
2178.1	10/8/96	1	8.31	0.76	2.10	1.33	27.0	9.5	5400	190	0.46
2178.2	10/8/96	2	7.08	0.80	2.40	1.09	24.0	9.0	4500	160	0.13
2178.3	10/8/96	3	7.56	1.02	1.80	1.29	36.0	9.5	3400	150	0.37
2178.4	10/8/96	4	7.17	1.28	1.80	0.60	240.0	7.5	6700	320	3.18
2178.5	10/8/96	5	7.40	1.40	1.90	0.74	280.0	7.4	6000	6600	2.78
2178.6	10/8/96	6	7.41	1.40	2.20	0.48	250.0	7.4	5200	270	2.63
2178.7	10/8/96	7	7.50	1.64	2.10	0.67	860.0	4.7	1800	190	10.83
2178.8	10/8/96	8	7.65	0.92	2.20	0.38	55.0	7.0	2000	260	0.53
2178.9	10/8/96	9	7.81	1.04	2.20	0.38	150.0	6.9	9700	170	0.88
2178.10	10/8/96	10	8.15	0.45	1.70	0.35	20.0	9.9	1850	690	0.14

g/Kg = parts per thousand
mg/L = parts per million
cfu = colony forming units
ND = Not detected

Technician: S.J. Hubbard

Completed:10/21/96
Reviewed: 11/04/96



Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/4th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2223.01	Aqueous	25-Nov-96 09:15	11/25/96
Stream Site 21	2223.02	Aqueous	25-Nov-96 09:30	11/25/96
Stream Site 20	2223.03	Aqueous	25-Nov-96 09:45	11/25/96
Stream Site 09	2223.04	Aqueous	25-Nov-96 10:00	11/25/96
Stream Site 19	2223.05	Aqueous	25-Nov-96 10:15	11/25/96
Stream Site 12	2223.06	Aqueous	25-Nov-96 10:30	11/25/96
Stream Site 18	2223.07	Aqueous	25-Nov-96 10:40	11/25/96
Stream Site 11	2223.08	Aqueous	25-Nov-96 11:00	11/25/96
Stream Site 15	2223.09	Aqueous	25-Nov-96 11:10	11/25/96
Stream Site 16	2223.10	Aqueous	25-Nov-96 11:20	11/25/96
Stream Site 07	2223.11	Aqueous	25-Nov-96 11:35	11/25/96
Stream Site 04	2223.12	Aqueous	25-Nov-96 11:50	11/25/96
Stream Site 17	2223.13	Aqueous	25-Nov-96 12:15	11/25/96
Stream Site 05	2223.14	Aqueous	25-Nov-96 12:00	11/25/96
Stream Site 03	2223.15	Aqueous	Not Sampled	11/25/96
Stream Site 14	2223.16	Aqueous	25-Nov-96 12:45	11/25/96
Stream Site 13	2223.17	Aqueous	25-Nov-96 13:00	11/25/96

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Lal
For Daniel Wright
12/10/96
Daniel Wright/Date
Laboratory Director

U.S. ARMY FORT MONTHOUTH

P.O. #: 45 - 00712

Chain of Custody

Project #:	Sampler: Scott Wagenman	Date / Time 11/25/96 0800	Analysis Parameters
Customer: U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	Site Name: Stream Sampling November 96'		Start: / Finish:
Phone:			Preservation Method

Lab Sample ID Number	Date/Time		Customer Sample Location/ID Number	Sample Matrix	# of Bottles	Temp °C	pH	Dissolved O2 (ppm)	Salinity %	NH3	NO3 POy SO4	VOA's	Remarks
2223 -1	11/25/96	915	Stream site # 22	AQUA	5	5.8	8.68	11.0	22	X	X	X	All Samples Kept ≤ 4°C
-2		930	# 21			6.5	8.50	8.4	20				NH3 has H2SO4
-3		945	# 20			6.8	8.47	7.2	21				VOA's have HCl
-4		1000	# 9			8.6	7.77	6.7	8				17 - 250 ml Plastic -3.0 height
-5		1015	# 19			7.9	6.68	6.5	2				17 - 500 ml Plastic height 2d
-6		1030	# 14			8.1	6.92	5.5	1				17 - 500 ml BOD Glass
-7		1040	# 18			9.3	7.05	5.7	1				36 - 40 ml VOA Bottles
-8		1100	# 11			10.5	6.55	5.7	1				
-9		1110	# 15			8.2	6.89	6.8	1				
-10		1120	# 16			8.8	6.99	6.1	3				-3.5' height
-11		1135	# 7			7.0	7.27	5.5	14				

Relinquished By (signature) Reg. Rt.	Date / Time 11/25/96 1315	Received By (signature) Sarah J. Hubbard	Shipped By:
Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

Enviornmental Laboratory

Certification Number 13[illegible]1

U.S. ARMY FORT MONMOUTH

P.O. #: 45 - 00722

Chain of Custody

Project #:	Sampler: Scott Hagerty	Date / Time 11/25/96 0800	Analysis Parameters	Start:
Customer: U.S. Army DPW, SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	Site Name: Storm sampling November '96'			Finish:
Phone:				Preservation Method

Lab Sample ID Number	Date/Time	Customer Sample Location/ID Number	Sample Matrix	# of Bottles	Temp °C	pH	Dissolved O2 (ppm)	Salinity	NH3	NO3 Part Sett	H2S	Remarks
2273	11/25/96 1150	Storm site #4	Water	5	8.8	7.33	7.4	5	X	X	X	All Samples kept ≤ 4°C
" 3	1215	#17			* 8.8	7.11	7.1	4				NH3 has H2S Cly
" 4	1200	#5			9.0	7.17	6.1	5				Lab's have NaT
" 5	~~1255~~	did not sample #3			[*] —	—	—	—				16 - 1 qt amb Plastic
" 16	1245	#14			10.3	7.42	6.1	1				16 - 1 qt amb Plastic
" 17	1300	#13			9.3	7.25	5.7	1				16 - 1 qt amb Glass BOD Bottles
" 2	0800	Trip Blank		2								3 - 40 ml vial VOA
" 19	0845	Field Blank										

Relinquished By (signature)	Date / Time	Received By (signature)	Shipped By:
Scott Hagerty	11/25/96 1315	Sarah J. Hubbard	
Relinquished By (signature)	Date / Time	Received For Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

SAI-ENV COC form 01 Page 2 of 2 Pages Rev. A Date: 02 Apr 93

Enviornmental Laboratory

(*) - Lot is #L27

[*] - New Lock Key Did not work Aborted sampling

Certification Number 13461

601/602 Analysis Data Sheet

Sample I.D.: **M. Blank**
Misc. ID:
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 120902.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.20	2.99 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	NA	<	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.30	20.70	103.5	80-120
43	1,4-Dichlorobutane (s)	24.75	24.76	19.72	98.6	80-120
78	2-Bromochlorobenzene (S)	28.10	28.11	21.41	107.05	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.91	19.66	98.3	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.1**
Misc. ID: **Site #22**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 120906.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.13	3.15 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.13	0.11	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.21	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.32	19.92	99.6	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	20.03	100.15	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	20.28	101.4	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.91	20.95	104.75	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.2**
Misc. ID: **Site #21**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 120907.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	2.59 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.41	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.31	20.54	102.7	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	18.50	92.5	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	20.13	100.65	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.87	104.35	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: 2223.3
Misc. ID: Site #20
Date Analyzed: 12/09/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract: 9600
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2.MTH
Wt/Vol.: 5 ml Dilution Factor: 1
File: C:\HPCHEM\6\DATA\ 120908.D

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.10	2.77 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.22	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.30	19.50	97.5	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	21.78	108.9	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	20.56	102.8	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.91	104.55	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.4**
Misc. ID: **Site #9**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 120909.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	3.17 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.07	0.49	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.03	0.20	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.30	19.94	99.7	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	21.42	107.1	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	20.30	101.5	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.24	101.2	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.5**
Misc. ID: **Site #19**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209010.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.13	3.21 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.07	0.97	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.25	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	20.23	101.15	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	19.77	98.85	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	18.14	90.7	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.45	102.25	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.6**
Misc. ID: **Site #12**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209011.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.13	2.73 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.07	0.83	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.04	0.26	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	20.75	103.75	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	20.69	103.45	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	18.52	92.6	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.20	106	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: 2223.7
Misc. ID: Site #18
Date Analyzed: 12/09/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract: 9600
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2.MTH
Wt/Vol.: 5 ml Dilution Factor: 1
File: C:\HPCHEM\6\DATA\ 1209012.D

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	3.24 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.06	0.89	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.25	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	19.23	96.15	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	19.28	96.4	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	19.02	95.1	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.98	104.9	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.8**
Misc. ID: **Site #11**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209013.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	2.91 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.06	2.11	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	0.49	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	18.50	92.5	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	18.29	91.45	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	19.70	98.5	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.13	105.65	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.9**
Misc. ID: **Site #15**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209014.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.13	2.98 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.07	2.54	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.04	10.38	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	19.51	97.55	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	18.63	93.15	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	19.21	96.05	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.95	104.75	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.10**
Misc. ID: **Site #16**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209015.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	3.16 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.05	2.24	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.04	8.20	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	20.39	101.95	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	18.91	94.55	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	19.56	97.8	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.68	103.4	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.11**
Misc. ID: **Site #7**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209017.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.10	3.31 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.05	0.46	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	1.87	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	20.91	104.55	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	21.14	105.7	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.67	98.35	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	20.56	102.8	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.12**
Misc. ID: **Site #4**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209018.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.11	3.03 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.06	1.60	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.04	6.26	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.29	20.43	102.15	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	20.51	102.55	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.05	95.25	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.26	106.3	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.13**
Misc. ID: **Site #17**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209019.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.10	2.94 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.07	0.67	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.04	2.77	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.27	19.25	96.25	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	20.95	104.75	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.08	95.4	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.18	105.9	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.14**
Misc. ID: **Site #5**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209020.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.10	3.08 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	19.06	1.86	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	23.05	7.53	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	20.45	102.25	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	21.27	106.35	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.91	99.55	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.05	105.25	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: 2223.16
Misc. ID: Site #14
Date Analyzed: 12/09/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract: 9600
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2.MTH
Wt/Vol.: 5 ml Dilution Factor: 1
File: C:\HPCHEM\6\DATA\ 1209021.D

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.11	3.81 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	NA	<	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:

					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	20.76	103.8	80-120
43	1,4-Dichlorobutane (s)	24.75	24.74	19.61	98.05	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.64	98.2	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.60	108	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.17**
Misc. ID: **Site #13**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209022.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	2.72 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	NA	<	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	20.41	102.05	80-120
43	1,4-Dichlorobutane (s)	24.75	24.74	20.89	104.45	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.42	97.1	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.15	105.75	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.18**
Misc. ID: **T. Blank**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209023.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.10	2.76 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	NA	<	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.[illegible]	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	20.76	103.8	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	19.73	98.65	80-120
78	2-Bromochlorobenzene (S)	28.10	28.09	19.78	98.9	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.53	107.65	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

601/602 Analysis Data Sheet

Sample I.D.: **2223.19**
Misc. ID: **F. Blank**
Date Analyzed: **12/09/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract: **9600**
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2.MTH**
Wt/Vol.: **5 ml** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\ 1209024.D

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
1	Dichlorodifluoromethane	3.56	NA	<	1.81
2	Chloromethane	3.62	NA	<	0.04
3	Vinyl Chloride	3.94	NA	<	0.13
4	Bromomethane	4.50	NA	<	0.08
5	Chloromethane	4.74	NA	<	0.09
6	Trichlorofluoromethane	5.79	NA	<	0.08
7	1,1-Dichloroethene	6.79	NA	<	0.12
8	Methylene Chloride	7.11	7.12	2.97 B	0.11
9	Trans-1,2-dichloroethene	8.86	NA	<	0.04
10	1,1-Dichloroethane	9.62	NA	<	0.06
12	Chloroform	12.60	NA	<	0.03
13	1,1,1-trichloroethane	15.37	NA	<	0.02
14	Carbon tetrachloride	16.61	NA	<	0.09
15	1,2-Dichloroethane	15.09	NA	<	0.02
16	Trichloroethene	19.07	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.18	NA	<	0.08
31	2-Chloroethylvinyl Ether	20.76	NA	<	0.13
20	cis-1,3-dichloropropene	20.76	NA	<	0.08
21	Trans-1,3-dichloropropene	21.59	NA	<	0.07
22	1,1,2-trichloroethane	21.77	NA	<	0.01
23	Tetrachloroethene	23.05	NA	<	0.02
24	Dibromochloromethane	22.45	NA	<	0.07
25	Bromoform	23.88	NA	<	0.07
26	1,1,2,2-tetrachloroethane	24.79	NA	<	0.03
28	Benzene	16.80	NA	<	0.02
29	Toluene	22.04	NA	<	0.04
60	Ethylbenzene	24.13	NA	<	0.04
61	p&m - Xylene	24.36	NA	<	0.05
63	o - Xylene	24.78	NA	<	0.04
73	1,3-dichlorobenzene	26.42	NA	<	0.24
75	1,4-dichlorobenzene	26.49	NA	<	0.16
77	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:					% Recovery	Limit
33	Bromochloromethane (s)	12.31	12.28	19.96	99.8	80-120
43	1,4-Dichlorobutane (s)	24.75	24.75	19.90	99.5	80-120
78	2-Bromochlorobenzene (S)	28.10	28.10	21.34	106.7	80-120
83	aaa-Trifluorotoluene (s)	19.90	19.90	21.58	107.9	80-120

B = Found in Blank
MDL = Method Detction Limit
NA = Not Applicable
J = Detected Below MDL

Stream Water Analysis
November 1996

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
2223.1	11/25/96	22	8.68	0.24	2.70	0.02	1400.0	11.0	280	0
2223.2	11/25/96	21	8.50	0.27	5.30	0.06	850.0	8.4	60	20
2223.3	11/25/96	20	8.47	0.26	3.80	0.01	1600.0	7.2	50	20
2223.4	11/25/96	9	7.97	0.81	4.80	0.05	22.0	6.7	440	20
2223.5	11/25/96	19	6.68	0.57	1.30	2.03	23.0	6.5	170	20
2223.6	11/25/96	12	6.92	0.60	1.50	0.45	24.0	5.5	630	0
2223.7	11/25/96	18	7.05	0.52	1.50	0.48	22.0	5.7	290	40
2223.8	11/25/96	11	6.55	1.57	1.30	0.99	20.0	5.7	310	10
2223.9	11/25/96	15	6.89	1.70	2.80	0.08	28.0	6.8	160	40
2223.10	11/25/96	16	6.99	1.39	1.40	0.05	87.0	6.1	150	20
2223.11	11/25/96	7	7.27	1.19	1.50	0.03	175.0	5.5	150	50
2223.12	11/25/96	4	7.33	1.64	1.20	0.03	2125.0	7.4	140	50
2223.13	11/25/96	17	7.11	1.65	0.90	0.14	175.0	7.1	310	110
2223.14	11/25/96	5	7.17	1.41	1.40	0.15	200.0	6.1	250	80
2223.16	11/25/96	14	7.42	0.05	1.40	0.14	30.0	6.1	290	100
2223.17	11/25/96	13	7.29	0.65	1.40	0.14	28.0	5.7	130	10

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:11/27/96
Reviewed: 12/09/96

Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/4th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2246.01	Aqueous	12-Dec-96 09:20	12/12/96
Stream Site 21	2246.02	Aqueous	12-Dec-96 09:35	12/12/96
Stream Site 20	2246.03	Aqueous	12-Dec-96 09:45	12/12/96
Stream Site 09	2246.04	Aqueous	12-Dec-96 09:55	12/12/96
Stream Site 19	2246.05	Aqueous	12-Dec-96 10:05	12/12/96
Stream Site 12	2246.06	Aqueous	12-Dec-96 10:25	12/12/96
Stream Site 18	2246.07	Aqueous	12-Dec-96 10:40	12/12/96
Stream Site 11	2246.08	Aqueous	12-Dec-96 10:55	12/12/96
Stream Site 15	2246.09	Aqueous	12-Dec-96 11:10	12/12/96
Stream Site 16	2246.10	Aqueous	12-Dec-96 11:20	12/12/96
Stream Site 07	2246.11	Aqueous	12-Dec-96 11:35	12/12/96
Stream Site 04	2246.12	Aqueous	12-Dec-96 11:45	12/12/96
Stream Site 17	2246.13	Aqueous	12-Dec-96 12:25	12/12/96
Stream Site 05	2246.14	Aqueous	12-Dec-96 11:55	12/12/96
Stream Site 03	2246.15	Aqueous	Not Sampled	12/12/96
Stream Site 14	2246.16	Aqueous	12-Dec-96 12:30	12/12/96
Stream Site 13	2246.17	Aqueous	12-Dec-96 12:45	12/12/96

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Rhonda M. Rutt
For Daniel Wright 12/18/96
Daniel Wright/Date
Laboratory Director

U.S. ARMY FORT MONMOUTH

P.O. #: 44-60748

Chain of Custody

Project #:	Sampler: Ray Paywist	Date / Time 12-12-96 0900	Analysis Parameters
Customer: U.S. ARMY DPW SEIFM-PW-EV Ft MonMonMouth	Site Name: STream Sampling DeC 96		Start: Finish:
Phone:			Preservation Method

Lab Sample ID Number	Date/Time	Customer Sample Location/ID Number	Sample Matrix	# of Bottles	Temp oC	pH	Dissolved O2 ppm	Salinity %	NH3	NO3 PO4 SO4	Lab # Microbio	Remarks
2246 .1	12/12/96	920 STream site 22	AQUA	5	7.7	5.51	6.2	15				All Samples Kept ≤ 4°C
.2		935 21			6.4	6.77	6.3	15				NH_3 H_2SO_4
.3		945 20			6.2	7.02	6.4	15				17 250ml Plastic
.4		955 9			7.0	7.34	5.1	5				17 500ml Plastic
.5		1005 19			6.9	7.90	4.5	2				17 300ml BOD Glass
.6		1025 12 Field Dup			7.5	7.28	3.3	1				36 VOA 40ml Glass
.7		1040 18			8.7	11.36	3.8	1				
.8		1055 11			9.3	9.54	3.7	1				Note Rained heavy overnight
.9		1110 15			7.5	4.53	3.46	1				flooding during sampling
.10		1130 11 Field Dup			7.4	3.13	3.14	1				
.11		1135 7	↓	↓	6.8	7.58	6.8	9				

Relinquished By (signature) Scott Gleason	Date / Time 12-13-96 1300	Received By (signature)	Shipped By: Cooler
Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

Enviornmental Laboratory

U.S. ARMY FORT MONMOUTH

P.O. #: 44-00748

Chain of Custody

Project #:	Sampler: Ray Pogwist	Date / Time: 12-12-96 0900
Customer: U.S. Army DPW SELFM-PW-EV FT. MonMonMouth	Site Name: Stream Sampling Dec 96	
Phone:		

Analysis Parameters: Temp °C, pH, Dissolved O₂ (ppm), Salinity, NH3, NO3 PO4 SO4, VOA's, Microbio

Start:

Finish:

Preservation Method

Lab Sample ID Number	Date	Time	Customer Sample Location/ID Number	Sample Matrix	# of Bottles	Temp °C	pH	Dissolved O₂	Salinity	NH3	NO3 PO4 SO4	VOA's, Microbio	Remarks	Preservation Method
2246 .12	12/12/96	1145	Stream site # 4	AQUA	5	7.2	7.33	6.1	5	x	x	x	All Samples Kept	≤ 4°C
.13	12/12/96	~~1135~~ 1125	# 17 *			7.2	7.53	6.1	2				NH3 has H2SO4	
.14		1155	# 5			7.3	7.65	6.1	2				VOA's Have HCl	
.15		could not sample	# 3 no key										17 250 ml	Plastic
.16		1230	# 14			8.0	6.6	6.3	0				17 500 ml	Plastic
.17		1245	# 13			7.7	7.57	6.1	0				17 300 ml BOD	Glass
.18		0800	Trip Blank		2							VOA	36 VOA 40 ml	Bottles
.19		1215	Field Blank		2							VOA		

Relinquished By (signature)	Date / Time	Received By (signature)	Shipped By:
[signature]	12-1? 96 1300	[signature]	Cooler

Relinquished By (signature)	Date / Time	Received for Lab by (signature):	Date / Time

Note: A drawing depicting sample location should be attached or drawn on the reverse side of this chain of custody.

SAI-ENV COC Form 01 Page 1 of 2 Pages Rev. A Date: 02 Apr 93

Enviornmental Laboratory

MST - [illegible]

601/602 Analysis Data Sheet

Sample I.D.: **Blank**
Misc. ID:
Date Analyzed: **12/17/96**

Lab Name: **Fort Monmouth Environmental Testiong Lab.** Contract:
Lab Code: **13461** Case No.:
Matrix: **Water** Method: **601_2A.MTH**
Wt/Vol.: **5 mL** Dilution Factor: **1**
File: C:\HPCHEM\6\DATA\121706.D\

Results:
Concentration Units: **ug/L**

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.18	7.05	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	NA	<	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.25	20.74	103.69
26	1,4-Dichlorobutane	24.76	24.75	22.00	110.02
32	2-Bromochlorobenzene	28.11	28.09	20.00	100.01
52	aaa-Trifluorotoluene	19.91	19.90	17.87	89.36

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.1
Misc. ID: Site # 22
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121707.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.17	3.00	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.04	0.11	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.28	21.57	107.83
26	1,4-Dichlorobutane	24.76	24.75	22.02	110.11
32	2-Bromochlorobenzene	28.11	28.10	18.25	91.24
52	aaa-Trifluorotoluene	19.91	19.90	18.46	92.29

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.2
Misc. ID: Site # 21
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121708.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.10	2.68	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.04	0.19	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.27	20.55	102.73
26	1,4-Dichlorobutane	24.76	24.75	21.91	109.57
32	2-Bromochlorobenzene	28.11	28.10	18.18	90.92
52	aaa-Trifluorotoluene	19.91	19.90	18.52	92.58

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.3
Misc. ID: Site # 20
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121709.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.12	2.79	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.05	0.21	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.26	20.00	100.01
26	1,4-Dichlorobutane	24.76	24.75	21.48	107.42
32	2-Bromochlorobenzene	28.11	28.09	18.44	92.19
52	aaa-Trifluorotoluene	19.91	19.89	19.16	95.81

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.4
Misc. ID: Site # 9
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121710.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.09	2.82	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.06	0.44	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.03	0.15	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.27	19.76	98.79
26	1,4-Dichlorobutane	24.76	24.75	19.41	97.05
32	2-Bromochlorobenzene	28.11	28.09	18.55	92.75
52	aaa-Trifluorotoluene	19.91	19.89	19.22	96.11

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601/602 Analysis Data Sheet

Sample I.D.: 2246.5
Misc. ID: Site # 19
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121711.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.11	3.83	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.04	1.03	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.03	0.26	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.27	19.68	98.38
26	1,4-Dichlorobutane	24.76	24.74	21.83	109.17
32	2-Bromochlorobenzene	28.11	28.09	18.09	90.44
52	aaa-Trifluorotoluene	19.91	19.89	19.88	99.40

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601/602 Analysis Data Sheet

Sample I.D.: 2246.6
Misc. ID: Site # 12
Date Analyzed: 12/17/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121712.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.10	2.91	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.05	1.01	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.03	0.24	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.26	20.08	100.39
26	1,4-Dichlorobutane	24.76	24.74	21.34	106.69
32	2-Bromochlorobenzene	28.11	28.09	18.40	92.00
52	aaa-Trifluorotoluene	19.91	19.89	19.29	96.46

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601/602 Analysis Data Sheet

Sample I.D.: 2246.7
Misc. ID: Site # 18
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121713.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.08	3.09	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.05	1.22	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.04	0.30	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	16.78	0.14	0.05
41	Toluene	22.04	22.03	0.41	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	24.12	0.14	0.05
46	p&m-Xylene	24.37	24.35	0.31	0.04
47	o-Xylene	24.78	24.77	0.28	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.26	20.17	100.84
26	1,4-Dichlorobutane	24.76	24.74	20.52	102.58
32	2-Bromochlorobenzene	28.11	28.08	17.11	85.53
52	aaa-Trifluorotoluene	19.91	19.89	19.39	96.95

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601/602 Analysis Data Sheet

Sample I.D.: 2246.8
Misc. ID: Site # 11
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121714.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.08	3.45	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.05	2.75	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.03	0.60	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	16.77	0.12	0.05
41	Toluene	22.04	22.03	0.73	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	24.13	0.27	0.05
46	p&m-Xylene	24.37	24.35	0.38	0.04
47	o-Xylene	24.78	24.77	0.29	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.26	19.01	95.05
26	1,4-Dichlorobutane	24.76	24.74	20.07	100.36
32	2-Bromochlorobenzene	28.11	28.09	16.91	84.56
52	aaa-Trifluorotoluene	19.91	19.89	19.68	98.38

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601/602 Analysis Data Sheet

Sample I.D.: 2246.9
Misc. ID: Site # 15
Date Analyzed: 12/19/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121727.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.17	5.51	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.05	1.31	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.04	5.63	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.25	22.06	110.31
26	1,4-Dichlorobutane	24.76	24.75	21.55	107.77
32	2-Bromochlorobenzene	28.11	28.10	18.33	91.65
52	aaa-Trifluorotoluene	19.91	19.89	18.31	91.55

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601/602 Analysis Data Sheet

Sample I.D.: 2246.10
Misc. ID: Site # 16
Date Analyzed: 12/19/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121728.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.13	4.65	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.05	1.00	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.04	3.82	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18

Surrogate Recovery:

					% Recovery
11	Bromochloromethane	12.31	12.24	20.69	103.46
26	1,4-Dichlorobutane	24.76	24.75	21.28	106.38
32	2-Bromochlorobenzene	28.11	28.10	18.20	90.99
52	aaa-Trifluorotoluene	19.91	19.89	18.34	91.68

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601/602 Analysis Data Sheet

Sample I.D.: 2246.11
Misc. ID: Site # 7
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121721.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.18	2.70	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.05	0.60	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.26	20.62	103.10
26	1,4-Dichlorobutane	24.76	24.75	22.74	113.71
32	2-Bromochlorobenzene	28.11	28.10	18.35	91.77
52	aaa-Trifluorotoluene	19.91	19.90	17.34	86.68

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.12
Misc. ID: Site # 4
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121722.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.20	3.62	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.07	0.75	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.05	2.28	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.28	21.40	107.02
26	1,4-Dichlorobutane	24.76	24.75	20.59	102.93
32	2-Bromochlorobenzene	28.11	28.10	19.61	98.03
52	aaa-Trifluorotoluene	19.91	19.90	18.03	90.13

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.13
Misc. ID: Site # 17
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121723.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.20	4.14	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.06	0.27	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.05	1.25	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.27	21.86	109.32
26	1,4-Dichlorobutane	24.76	24.76	21.92	109.59
32	2-Bromochlorobenzene	28.11	28.11	17.70	88.50
52	aaa-Trifluorotoluene	19.91	19.90	17.45	87.25

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.14
Misc. ID: Site # 5
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121724.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	7.20	3.47	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	19.08	0.71	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	23.05	2.98	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					**% Recovery**
11	Bromochloromethane	12.31	12.27	19.97	99.87
26	1,4-Dichlorobutane	24.76	24.76	22.28	111.39
32	2-Bromochlorobenzene	28.11	28.11	18.34	91.71
52	aaa-Trifluorotoluene	19.91	19.91	16.78	83.89

Last Cal. Update: Wed Dec 18 12:40:01 1996

601/602 Analysis Data Sheet

Sample I.D.: 2246.16
Misc. ID: Site # 14
Date Analyzed: 12/18/96

Lab Name: Fort Monmouth Environmental Testiong Lab. Contract:
Lab Code: 13461 Case No.:
Matrix: Water Method: 601_2A.MTH
Wt/Vol.: 5 mL Dilution Factor: 1
File: C:\HPCHEM\6\DATA\121725.D\

Results:
Concentration Units: ug/L

Compound #	Compound	Expected R.T.	R.T.	Amount	MDL
	Method 601				
1	Dichlorodifluoromethane	3.56	NA	<	0.04
2	Chloromethane	3.66	NA	<	0.13
3	Vinyl Chloride	3.99	NA	<	0.08
4	Bromomethane	4.51	NA	<	0.09
5	Chloroethane	4.77	NA	<	0.08
6	Trichlorofluoromethane	5.82	NA	<	0.12
7	1,1-dichloroethene	6.79	NA	<	0.11
8	Methylene Chloride	7.15	NA	<	0.04
9	Trans-1,2-dichloroethene	8.85	NA	<	0.06
10	1,1-Dichloroethane	9.61	NA	<	0.08
12	Chloroform	12.61	NA	<	0.03
13	1,1,1-trichloroethane	15.38	NA	<	0.02
14	Carbon tetrachloride	16.62	NA	<	0.09
15	1,2-Dichloroethane	15.10	NA	<	0.02
16	Trichloroethene	19.08	NA	<	0.06
17	1,2-dichloropropane	18.92	NA	<	0.03
18	Bromodichloromethane	19.19	NA	<	0.08
31	2 Chloroethylvinyl ether	20.48	NA	<	0.08
19	cis-1,3-dichloropropene	20.76	NA	<	0.07
20	Trans-1,3-dichloropropene	21.59	NA	<	0.01
21	1,1,2-trichloroethane	21.78	NA	<	0.02
22	Tetrachloroethene	23.05	NA	<	0.07
23	Dibromochloromethane	22.46	NA	<	0.07
25	Bromoform	24.43	NA	<	0.03
27	1,1,2,2-tetrachloroethane	24.79	NA	<	0.02
	Method 602				
38	Benzene	16.82	NA	<	0.05
41	Toluene	22.04	NA	<	0.04
44	Chlorobenzene	23.87	NA	<	0.04
45	Ethylbenzene	24.14	NA	<	0.05
46	p&m-Xylene	24.37	NA	<	0.04
47	o-Xylene	24.78	NA	<	0.24
48	1,3-dichlorobenzene	26.43	NA	<	0.16
49	1,4-dichlorobenzene	26.50	NA	<	0.18
50	1,2-dichlorobenzene	26.83	NA	<	0.18
Surrogate Recovery:					% Recovery
11	Bromochloromethane	12.31	12.24	21.62	108.09
26	1,4-Dichlorobutane	24.76	24.76	20.88	104.38
32	2-Bromochlorobenzene	28.11	28.10	18.41	92.06
52	aaa-Trifluorotoluene	19.91	19.90	17.20	85.98

Last Cal. Update: Wed Dec 18 12:40:01 1996

Stream Water Analysis
December1996

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2246.01	12/12/96	22	5.84	0.67	0.6	0.08	850	6.2	710	47	15
2246.02	12/12/96	21	6.77	0.54	0.9	0.08	750	6.3	890	93	15
2246.03	12/12/96	20	7.02	0.84	0.2	0.04	800	6.4	510	73	15
2246.04	12/12/96	09	7.34	0.79	0.8	0.09	275	5.1	TNTC	470	5
2246.05	12/12/96	19	7.90	0.62	0.5	0.18	22	4.5	TNTC	420	2
2246.06	12/12/96	12	7.28	0.56	0.7	0.36	25	3.3	TNTC	310	1
2246.07	12/12/96	18	11.80	0.62	0.6	0.06	23	3.8	6.70	6.7	1
2246.08	12/12/96	11	9.09	0.88	1.0	0.08	18	3.7	930	140	1
2246.09	12/12/96	15	8.53	1.22	1.7	0.10	30	3.4	580	310	1
2246.10	12/12/96	16	8.13	1.05	1.5	0.08	58	3.19	530	140	1
2246.11	12/12/96	07	7.52	1.14	1.2	0.09	525	6.8	TNTC	320	9
2246.12	12/12/96	04	7.83	1.24	1.1	0.07	450	6.1	TNTC	300	5
2246.13	12/12/96	17	7.53	1.29	1.0	0.11	200	6.1	TNTC	390	2
2246.14	12/12/96	05	7.65	1.37	1.2	0.18	0.75	6.1	830	260	2
2246.15	12/12/96	03	No sample	No sample	No sample	No sample	No sample	No sample	No sample	No sample	No sample
2246.16	12/12/96	14	8.05	0.25	1.3	0.30	27	6.3	TNTC	240	0
2246.17	12/12/96	13	7.87	0.16	1.3	0.16	27	6.1	No sample	No sample	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected
TNTC = Too numerous to count

Completed:12/96
Reviewed: 12/96

Daniel K. Wright
Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2298.01	Aqueous	29-Jan-97 12:10	01/29/97
Stream Site 21	2298.02	Aqueous	29-Jan-97 12:20	01/29/97
Stream Site 20	2298.03	Aqueous	29-Jan-97 12:30	01/29/97
Stream Site 09	2298.04	Aqueous	29-Jan-97 12:40	01/29/97
Stream Site 19	2298.05	Aqueous	29-Jan-97 12:50	01/29/97
Stream Site 12	2298.06	Aqueous	29-Jan-97 13:05	01/29/97
Stream Site 18	2298.07	Aqueous	29-Jan-97 13:15	01/29/97
Stream Site 11	2298.08	Aqueous	29-Jan-97 13:25	01/29/97
Stream Site 15	2298.09	Aqueous	29-Jan-97 13:35	01/29/97
Stream Site 16	2298.10	Aqueous	29-Jan-97 13:50	01/29/97
Stream Site 07	2298.11	Aqueous	29-Jan-97 14:05	01/29/97
Stream Site 04	2298.12	Aqueous	29-Jan-97 14:15	01/29/97
Stream Site 17	2298.13	Aqueous	29-Jan-97 14:25	01/29/97
Stream Site 05	2298.14	Aqueous	29-Jan-97 14:35	01/29/97
Stream Site 03	2298.15	Aqueous	29-Jan-97 14:45	01/29/97
Stream Site 14	2298.16	Aqueous	29-Jan-97 15:10	01/29/97
Stream Site 13	2298.17	Aqueous	29-Jan-97 15:20	01/29/97

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Barbara M. Reed
For Daniel Wright 02/14/97
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: ( )DERA ( )OMA ( )Other:_____

Project No:

Location: STream Sampling Jan. 97

Sampler's Signature: Ray Appleby

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	Temp °C	pH	Diss. O	Salinity	NH3, NO3, PO4	VOA, Metals, TOX	Remarks / Preservation Method
97[illegible]-1	STream Site 22	1/29/97	1210	AQ	0.1	7.45	14.7	18			All samples Kept ≤ 4°C
-2	21		1210		0.5	7.62	14.5	15			NH_3 HAS H_2SO_4
-3	20		1220		0.3	7.71	14.3	14			17 250ml PLASTIC
-4	9		1240		3.7	8.15	11.5	10			17 500ml PLASTIC
-5	19		1250		3.8	7.55	11.5	2.0			17 300ml AOD GLASS
-6	HT=7.2 12		1305		5.5	7.43	9.7	1.0			36 VOA 40ml VIALS.
-7	18		1315		6.4	12.45	9.1	1.0			
-8	11		1325		5.5	9.62	9.2	0			
-9	15		1335		4.4	8.80	9.8	0			
-10	HT= 16		1350		3.8	8.52	10.1	0			
-11	7		1405		3.3	8.11	9.3	0			
-12	4		1415		4.6	8.09	9.5	0			
-13	17		1425		3.1	7.73	12	0			Locks # 2 3 /
-14	5		1435		4.4	7.72	9.7	0			

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1/29/97 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:	

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: ( )DERA ( )OMA ( )Other:

Project No:

Location: Stream Sampling Jan 97

Sampler's Signature: [signature]

Analysis Parameters: Temp °C | PH | Diss O | Salinity | NH_3, NO_3, PO_4 | VOA, micro, SO_4

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	Temp °C	PH	Diss O	Salinity	NH_3, NO_3, PO_4	VOA, micro, SO_4	Remarks / Preservation Method
.15	NoKey #3	1/29/97	1445	AQ	NO Key No Sample!						All Samples kept ≤ 4°C
.16	#14	↓	1510		3.3	8.38	9.5	0			NH_3 Has H_2SO_4
.17	#13		1520		3.9	8.40	10.5	0			VOA'S Have HCl
.18	Trip Blank		1150		–					VOA	17 250 ml plastic
.19	Field Blank	↓	1525							VOA	17 500 ml plastic
											17 300 ml BOD Glass
											36 Voa 40 ml Vials.

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	1/29/97 1545	[signature]			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:

print legibly

Gate #3 Lock American Lock Company A

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEP CERTIFICATION # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound Identified Below Detection Limit
B	: Compound is in Both Sample and Blank
D	: Results are from a Dilution of the Sample
U	: Compound Searched for but not Detected
E	: Compound Exceeds Calibration Limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V0001**
Operator **Paul Skelton**
Date Acquired **2/6/97 16:39**

Sample Name **2298.01**
Field ID **#22**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			1.43 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0002**
Operator **Paul Skelton**
Date Acquired **2/6/97 17:26**

Sample Name **2298.02**
Field ID **#21**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			1.29 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0003**
Operator **Paul Skelton**
Date Acquired **2/6/97 18:53**

Sample Name **2298.03**
Field ID **#20**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			4.60 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			1.29 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0004**
Operator **Paul Skelton**
Date Acquired **2/6/97 19:01**

Sample Name **2298.04**
Field ID **#9**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			1.34 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			6.52 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0005**
Operator **Paul Skelton**
Date Acquired **2/6/97 19:47**

Sample Name **2298.05**
Field ID **#19**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.18 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			9.70 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0006**
Operator **Paul Skelton**
Date Acquired **2/6/97 20:33**

Sample Name **2298.06**
Field ID **#12**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			1.93 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			6.91 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0007**
Operator **Paul Skelton**
Date Acquired **2/6/97 21:58**

Sample Name **2298.07**
Field ID **#18**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			4.17 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.16 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			19.52 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			1.43 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			1.42 ug/L	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0008**
Operator **Paul Skelton**
Date Acquired **2/6/97 22:05**

Sample Name **2298.08**
Field ID **#11**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			1.71 ug/L	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			4.73 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.71 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			27.37 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			2.07 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**V0009**	Sample Name	**2298.09**
Operator	**Paul Skelton**	Field ID	**#15**
Date Acquired	**2/6/97 22:51**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			4.22 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.68 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			1.57 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			1.33 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			5.68 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**V0010**	Sample Name	**2298.10**
Operator	**Paul Skelton**	Field ID	**#16**
Date Acquired	**2/6/97 23:37**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			3.01 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			1.30 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			1.14 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			5.19 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0011**
Operator **Paul Skelton**
Date Acquired **2/7/97 0:23**

Sample Name **2298.11**
Field ID **#7**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.75 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			1.89 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0012**
Operator **Paul Skelton**
Date Acquired **2/7/97 1:08**

Sample Name **2298.12**
Field ID **#4**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			30.91 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.50 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			1.16 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			4.42 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0013**
Operator **Paul Skelton**
Date Acquired **2/7/97 1:54**

Sample Name **2298.13**
Field ID **#17**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			25.62 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.79 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **V0014**
Operator **Paul Skelton**
Date Acquired **2/7/97 2:40**

Sample Name **2298.14**
Field ID **#5**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			3.41 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			1.19 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			1.04 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			4.76 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **V0016**
Operator **Paul Skelton**
Date Acquired **2/7/97 8:35**

Sample Name **2298.16**
Field ID **#14**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			2.46 ug/L	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			8.06 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			4.22 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**V0017**	Sample Name	**2298.17**
Operator	**Paul Skelton**	Field ID	**#13**
Date Acquired	**2/7/97 9:21**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			3.60 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			2.59 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**V0018**	Sample Name	**2298.18**
Operator	**Paul Skelton**	Field ID	**Trip Blank**
Date Acquired	**2/7/97 10:08**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			4.94 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**V0019**	Sample Name	**2298.19**
Operator	**Paul Skelton**	Field ID	**Field Blank**
Date Acquired	**2/7/97 10:58**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			5.84 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Stream Water Analysis

January1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2298.01	1/29/97	22	7.48	0.68	1.7	0.08	775	14.7	150	ND	18
2298.02	1/29/97	21	7.62	1.33	2.1	0.09	1075	14.5	290	ND	15
2298.03	1/29/97	20	7.71	1.34	1.2	0.12	1300	14.3	320	20	14
2298.04	1/29/97	09	8.18	1.73	2.6	0.10	55	11.5	610	20	2
2298.05	1/29/97	19	7.85	1.01	2.6	0.12	37	11.8	860	70	2
2298.06	1/29/97	12	7.43	0.73	2.8	0.04	27	9.7	60	ND	1
2298.07	1/29/97	18	12.45	1.03	2.5	0.13	36	9.1	650	30	1
2298.08	1/29/97	11	9.62	0.72	2.6	0.08	30	9.2	80	10	0
2298.09	1/29/97	15	8.80	ND	2.4	0.14	36	9.8	1300	40	0
2298.10	1/29/97	16	8.52	2.36	2.8	0.12	42	10.1	1000	ND	0
2298.11	1/29/97	07	8.11	2.21	2.5	0.17	39	9.3	110	40	0
2298.12	1/29/97	04	8.09	2.64	2.3	0.20	52	9.5	1000	20	0
2298.13	1/29/97	17	7.73	8.66	2.7	0.07	39	9.8	880	10	0
2298.14	1/29/97	05	7.72	3.27	2.6	0.33	44	9.7	700	60	0
2298.15	1/29/97	03	No sample	No sample	No sample	No sample	No sample	No sample	No sample	No sample	No sample
2298.16	1/29/97	14	8.38	ND	2.3	0.13	40	9.5	900	50	0
2298.17	1/29/97	13	8.40	2.10	2.2	0.25	41	10.5	1100	130	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected
TNTC = Too numerous to count

Completed:1/97
Reviewed: 1/97

Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2361.01	Aqueous	26-Feb-97 12:20	02/26/97
Stream Site 21	2361.02	Aqueous	26-Feb-97 12:30	02/26/97
Stream Site 20	2361.03	Aqueous	26-Feb-97 12:45	02/26/97
Stream Site 09	2361.04	Aqueous	26-Feb-97 13:00	02/26/97
Stream Site 19	2361.05	Aqueous	26-Feb-97 13:15	02/26/97
Stream Site 12	2361.06	Aqueous	26-Feb-97 13:30	02/26/97
Stream Site 18	2361.07	Aqueous	26-Feb-97 13:45	02/26/97
Stream Site 11	2361.08	Aqueous	26-Feb-97 13:55	02/26/97
Stream Site 15	2361.09	Aqueous	26-Feb-97 14:00	02/26/97
Stream Site 16	2361.10	Aqueous	26-Feb-97 14:10	02/26/97
Stream Site N 07	2361.11	Aqueous	26-Feb-97 14:25	02/26/97
Stream Site 04	2361.12	Aqueous	26-Feb-97 14:35	02/26/97
Stream Site 05	2361.13	Aqueous	26-Feb-97 14:50	02/26/97
Stream Site 17	2361.14	Aqueous	26-Feb-97 15:10	02/26/97
Stream Site 03	2361.15	Aqueous	26-Feb-97 15:20	02/26/97
Stream Site 14	2361.16	Aqueous	26-Feb-97 15:35	02/26/97
Stream Site 13	2361.17	Aqueous	26-Feb-97 15:45	02/26/97

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Rhonda M. Lt
For Daniel Wright 03/11/97
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ [illegible]
Tel (908)532-4359 Fax (908)532-3484 E-Mail [illegible] monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Page 1 of 2

Customer: (√)DERA ( )OMA ( )Other: ______

Project No:

Location: [illegible]

Sampler's Signature: [signature] Roy Posgrist [illegible]

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Remarks – Preservation Method
2361.1	STREAM SITE [illegible]	2-26-97	1220	AQ	7.0	6.32	11.7	20	X	X	[illegible]
[illegible]	[illegible]	↓	1230	↓	6.3	7.18	10.2	20	↓	↓	[illegible]
[illegible]	[illegible]		1245		6.7	7.53	12.3	20			
.4	HT= 1.40 [illegible]		1300		8.90	7.90	12.5	4			
[illegible]	[illegible]		1315		8.2	7.36	11.3	2			
[illegible]	[illegible] 7.22 [illegible]		1330		9.00	7.20	10.1	0			
[illegible]	[illegible]		1345		9.6	7.24	10.6	2			
[illegible]	[illegible]		1355		10.2	7.80	11.2	1			
[illegible]	[illegible]		1400		8.8	7.39	12.1	1			
[illegible]	HT= *N/A 16		1410		9.0	7.09	12.8	1			[illegible]
[illegible]	7		1425		9.4	6.94	12.0	1			
[illegible]	[illegible]		1435		9.4	7.06	14.0	1			
[illegible]	[illegible]		1450		9.7	7.07	15.2	1			
.14	17		1510		9.4	6.92	12.6	1			

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
[signature]	2/26/97 1600	[signature] 2-26-97			
Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Relinquished by (signature)	Date/Time	Received for laboratory by (signature)	Date/Time	Remarks	

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM[illegible] Fort Monmouth [illegible]
Tel (908)532-[illegible] Fax (908)532-[illegible] E-Mail [illegible]
NJDEP Certification #13461

Chain of Custody Record

Page [illegible] of [illegible]

Customer: ( )DERA ( )OMA ( )Other:	Project No	Location: [illegible] Sewage Plant	Analysis Parameters	Comments:
Sampler's Signature: [illegible] Sewage Engineer				

Lab Sample I.D	Sample Location	Date	Time	Sample Type	Analysis Parameters	Comments:
[illegible]	[illegible] #3	2/26/97	1510	Eff	9.4 6.78 13.6 1	[illegible]
[illegible]	#11		1535		9.0 6.46 12.6 1	
[illegible]	#13		1545		8.3 7.04 11.9 1	
[illegible]	[illegible]		1200			
[illegible]	[illegible]		1210			

Relinquished by (signature)	Date/Time	Received by (signature)	Preservation	Cooler	Received
[illegible]	2/26/97 1600	[illegible] 2-26-97			
Relinquished by (signature)	Date/Time	Received by (signature)	Preservation	Cooler	Received
Relinquished by (signature)	Date/Time	Received for Laboratory by (signature)	Date/Time	Remarks	

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name	**v00236.d**	Sample Name	**2361.1**
Operator	**Paul Skelton**	Field ID	**Stream Site 22**
Date Acquired	**03/ 7/97 15:01**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone	11.11	33358	17.03 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00237.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 15:48**

Sample Name **2361.2**
Field ID **Stream Site 21**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone	11.14	35687	17.46 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
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Data File Name	**v00238.d**	Sample Name	**2361.3**
Operator	**Paul Skelton**	Field ID	**Stream Site 20**
Date Acquired	**03/ 7/97 16:34**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone	11.16	32439	15.78 ug/L	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00239.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 17:21**

Sample Name **2361.4**
Field ID **Stream Site 9**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.85	20991	2.04 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00240.d**	Sample Name	**2361.5**
Operator	**Paul Skelton**	Field ID	**Stream Site 19**
Date Acquired	**03/ 7/97 18:07**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide	13.42	79984	3.66 ug/L	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.84	28904	2.77 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00241.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 18:52**

Sample Name **2361.6**
Field ID **Stream Site 12**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.84	30117	2.91 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00242.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 19:37**

Sample Name **2361.7**
Field ID **Stream Site 18**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.84	77711	7.22 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00243.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 20:22**

Sample Name **2361.8**
Field ID **Stream Site 11**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.83	181338	17.06 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene	22.28	10232	1.22 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00244.d**	Sample Name	**2361.9**
Operator	**Paul Skelton**	Field ID	**Stream Site 15**
Date Acquired	**03/ 7/97 21:07**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.84	15862	1.46 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.24	87383	7.84 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00245.d**
Operator **Paul Skelton**
Date Acquired **03/ 7/97 21:51**

Sample Name **2361.10**
Field ID **Stream Site 16**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.83	13347	1.27 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene	22.28	10184	1.20 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.24	73039	6.75 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00246.d**	Sample Name	**2361.11**
Operator	**Paul Skelton**	Field ID	**Stream Site 7**
Date Acquired	**03/ 7/97 22:35**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.24	34699	3.09 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00247.d**	Sample Name	**2361.12**
Operator	**Paul Skelton**	Field ID	**Stream Site 4**
Date Acquired	**03/ 7/97 23:20**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.83	11844	1.14 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.24	70879	6.37 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00248.d**	Sample Name	**2361.13**
Operator	**Paul Skelton**	Field ID	**Stream Site 5**
Date Acquired	**03/ 8/97 12:04**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.24	59026	5.32 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00249.d**
Operator **Paul Skelton**
Date Acquired **03/ 8/97 12:48**

Sample Name **2361.14**
Field ID **Stream Site 17**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide	13.41	29229	1.30 ug/L	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00255.d**	Sample Name	**2361.15**
Operator	**Paul Skelton**	Field ID	**Stream Site 3**
Date Acquired	**03/10/97 13:17**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00256.d**
Operator **Paul Skelton**
Date Acquired **03/10/97 14:03**

Sample Name **2361.16**
Field ID **Stream Site 14**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00257.d**	Sample Name	**2361.17**
Operator	**Paul Skelton**	Field ID	**Stream Site 13**
Date Acquired	**03/10/97 14:50**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00258.d**	Sample Name	**2361.18**
Operator	**Paul Skelton**	Field ID	**Trip Blank**
Date Acquired	**03/10/97 15:37**	Sample Multiplier	**1**

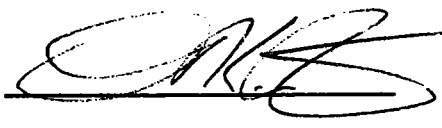
CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide	13.42	82850	3.94 ug/L	0.54 ug/L	na
75-09-2	Methylene Chloride	13.45	226726	24.79 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Stream Water Analysis
February1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2361.01	2/26/97	22	6.32	4.68	1.2	0.07	1870	11.7	20	<1	20
2361.02	2/26/97	21	7.18	3.49	1.3	0.06	1940	10.2	90	<1	20
2361.03	2/26/97	20	7.53	2.89	1.8	0.07	2400	12.3	30	<1	20
2361.04	2/26/97	09	7.90	3.42	2.2	0.11	97	12.5	310	<1	4
2361.05	2/26/97	19	7.36	3.43	2.2	0.08	90	11.3	470	30	2
2361.06	2/26/97	12	7.20	2.61	2.3	0.06	52	10.1	450	30	0
2361.07	2/26/97	18	7.24	1.89	2.4	0.05	25	10.6	940	<1	2
2361.08	2/26/97	11	7.80	1.34	2.5	0.05	20	11.2	440	40	1
2361.09	2/26/97	15	7.39	6.54	2.0	0.12	35	12.1	120	<1	1
2361.10	2/26/97	16	7.09	6.99	1.9	0.11	35	12.8	70	<1	1
2361.11	2/26/97	07	6.94	5.28	1.3	0.14	220	12.0	120	<1	1
2361.12	2/26/97	04	7.06	6.25	1.9	0.10	42	14.0	60	<1	1
2361.13	2/26/97	05	7.05	6.22	1.8	0.10	40	15.2	30	<1	1
2361.14	2/26/97	17	6.92	2.13	1.4	0.11	32	12.6	<1	<1	1
2361.15	2/26/97	03	6.98	0.71	1.7	0.12	37	13.6	3100	<1	1
2361.16	2/26/97	14	6.96	0.73	1.7	0.16	37	12.6	90	<1	1
2361.17	2/26/97	13	7.04	7.07	1.7	0.15	40	11.9	60	<1	1

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:02/97
Reviewed: 02/97



Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2375.01	Aqueous	10-Mar-97 10:00	03/10/97
Stream Site 21	2375.02	Aqueous	10-Mar-97 10:15	03/10/97
Stream Site 20	2375.03	Aqueous	10-Mar-97 10:30	03/10/97
Stream Site 09	2375.04	Aqueous	10-Mar-97 10:50	03/10/97
Stream Site 19	2375.05	Aqueous	10-Mar-97 11:05	03/10/97
Stream Site 12	2375.06	Aqueous	10-Mar-97 11:15	03/10/97
Stream Site 18	2375.07	Aqueous	10-Mar-97 11:25	03/10/97
Stream Site 11	2375.08	Aqueous	10-Mar-97 11:35	03/10/97
Stream Site 15	2375.09	Aqueous	10-Mar-97 14:50	03/10/97
Stream Site 16	2375.10	Aqueous	10-Mar-97 13:20	03/10/97
Stream Site 17	2375.11	Aqueous	10-Mar-97 13:30	03/10/97
Stream Site 04	2375.12	Aqueous	10-Mar-97 13:40	03/10/97
Stream Site 05	2375.13	Aqueous	10-Mar-97 13:50	03/10/97
Stream Site 17	2375.14	Aqueous	10-Mar-97 14:00	03/10/97
Stream Site 03	2375.15	Aqueous	10-Mar-97 14:10	03/10/97
Stream Site 14	2375.16	Aqueous	10-Mar-97 14:20	03/10/97
Stream Site 13	2375.17	Aqueous	10-Mar-97 14:30	03/10/97

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Barbara M. Ritt
For Daniel Wright 05/18/97
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Page 1 of 1

Customer: (X)DERA ( )OMA ( )Other:

Project No:

Location: Stream Sites March 97

Sampler's Signature: Ray Fuglaar Scott Logan

Analysis Parameters: Temp°C, pH, Diss O, Salinity, NH_3, PO_4, NO_3, SO_4, TC

Comments: Remarks / Preservation Method

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	Temp°C	pH	Diss O	Salinity	NH_3, PO_4, NO_3, SO_4, TC	Remarks / Preservation Method
2375.01	Stream site 22	3-10-97	1000	AQ	6.8	7.69	13.9	20		All samples kept ≤ 4°C
.02	21		1015		6.0	8.20	13.1	20		NH_3 H_2S H_2SO_4 Pres.
.03	20		1030		6.2	8.20	12.0	18		17 250 mL PLASTIC
.04	HT: 3.4' 9		1050		7.5	8.10	12.3	2		17 500 mL PLASTIC
.05	19		1105		6.9	7.30	12.0	1		17 Whirl Bags w/o Na
.06	HT: 7.46 12		1115		7.5	7.33	12.0	0		36 VOA 40mL w/HCl
.07	18		1125		8.7	11.65	12.5	1		
.08	11		1135		7.5	8.50	13.1	0		
.09	15		~~1320~~ 1450		5.8	7.46	12.0	0		
.10	HT: N/A 16		1320		8.7	8.04	13.8	0		
.11	17		1330		7.8	7.93	11.0	1		
.12	4		1340		8.8	7.91	13.9	0		
.13	5		1350		8.9	7.83	13.8	0		
.14	17		1400		8.4	7.51	13.1	0		

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Ray Fuglaar	3/10/97 1515	Scott Logan			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:	

print legibly

Fort Monmouth Environmental T[illegible]ting Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: (X)DERA ( )OMA ( )Other:

Project No:

Location: Stream Sampling Mar. 97

Sampler's Signature: Zeafor   Ray Poyurist

Comments:

Lab Sample I.D	Sample Location	Date	Time	Sample Type	Temp °C	pH	Diss O	Salinity	NH3, NO3+NO2 (624)	VOA SO4 TC	Remarks / Preservation Method
2375 .15	#3	3-10-97	1410	AQ	8.1	7.51	11.4	0	X	X	All samples kept ≤ 4°C
.16	#14	↓	1420	↓	8.6	7.42	11.2	0	↓	↓	NH3 HAS H2SO4
.17	#13	↓	1430	↓	8.9	7.50	11.8	0	↓	↓	17 250 ml plastic
.18	Trip Blank	↓	0910	↓						624	17 500 ml plastic
.19	Field Blank	↓	0930	↓						624	17 Whirl Bag's w/o Na
											36 VOA w/ HCl

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Zeafor	3/10/97 1515	[signature] 3-10-97			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:

print legibly

Custody.xls2/14/97

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00279.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 15:33**

Sample Name **2375.01**
Field ID **Stream Site 22**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	60

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00280.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 16:21**

Sample Name **2375.02**
Field ID **Stream Site 21**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00281.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 17:08**

Sample Name **2375.03**
Field ID **Stream Site 20**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	6(

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00282.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 17:55**

Sample Name **2375.04**
Field ID **Stream Site 9**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.85	41370	4.06 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00283.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 18:41**

Sample Name **2375.05**
Field ID **Stream Site 19**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.85	41151	4.14 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00284.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 19:28**

Sample Name **2375.06**
Field ID **Stream Site 12**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.85	63856	6.04 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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U.S. Army, Fort Monmouth Environmental Laboratory
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Data File Name **v00285.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 20:14**

Sample Name **2375.07**
Field ID **Stream Site 18**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.83	55427	5.49 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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U.S. Army, Fort Monmouth Environmental Laboratory
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Data File Name **v00286.d**
Operator **Paul Skelton**
Date Acquired **03/11/97 21:00**

Sample Name **2375.08**
Field ID **Stream Site 11**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene	17.84	189284	18.48 ug/L	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene	22.30	10186	1.26 ug/L	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00294.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 15:17**

Sample Name **2375.09**
Field ID **Stream Site 15**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.26	37713	3.39 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00295.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 16:04**

Sample Name **2375.10**
Field ID **Stream Site 16**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.27	24648	2.31 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00296.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 16:52**

Sample Name **2375.11**
Field ID **Stream Site 17**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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U.S. Army, Fort Monmouth Environmental Laboratory
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Data File Name **v00297.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 17:39**

Sample Name **2375.12**
Field ID **Stream Site 4**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.26	24818	2.33 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00298.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 18:25**

Sample Name **2375.13**
Field ID **Stream Site 5**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene	27.25	25912	2.42 ug/L	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00299.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 19:11**

Sample Name **2375.14**
Field ID **Stream Site 17**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride	13.43	30922	3.43 ug/L	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00300.d**	Sample Name	**2375.15**
Operator	**Paul Skelton**	Field ID	**Stream Site 3**
Date Acquired	**03/12/97 19:57**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name	**v00301.d**	Sample Name	**2375.16**
Operator	**Paul Skelton**	Field ID	**Stream Site 14**
Date Acquired	**03/12/97 20:42**	Sample Multiplier	**1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

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Data File Name **v00302.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 21:27**

Sample Name **2375.17**
Field ID **Stream Site 13**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	60(

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Name **v00303.d**
Operator **Paul Skelton**
Date Acquired **03/12/97 22:12**

Sample Name **2375.18**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS #	Name	R.T.	Response	Amount	MDL	GW Criteria
	Dichlorodifluoromethane			not detected	3.63 ug/L	na
74-87-3	Chloromethane			not detected	0.79 ug/L	30
75-01-4	Vinyl Chloride			not detected	2.61 ug/L	5
74-83-9	Bromomethane			not detected	1.45 ug/L	10
75-00-3	Chloroethane			not detected	2.20 ug/L	na
75-69-4	Trichlorofluoromethane			not detected	1.31 ug/L	na
75-35-4	1,1-Dichloroethene			not detected	0.74 ug/L	2
67-64-1	Acetone			not detected	1.57 ug/L	700
75-15-0	Carbon Disulfide			not detected	0.54 ug/L	na
75-09-2	Methylene Chloride			not detected	1.66 ug/L	2
156-60-5	trans-1,2-Dichloroethene			not detected	0.50 ug/L	100
75-35-3	1,1-Dichloroethane			not detected	0.83 ug/L	70
108-05-4	Vinyl Acetate			not detected	2.07 ug/L	na
78-93-3	2-Butanone			not detected	2.06 ug/L	300
	cis-1,2-Dichloroethene			not detected	0.65 ug/L	10
67-66-3	Chloroform			not detected	0.43 ug/L	6
75-55-6	1,1,1-Trichloroethane			not detected	0.81 ug/L	30
56-23-5	Carbon Tetrachloride			not detected	1.20 ug/L	2
71-43-2	Benzene			not detected	0.51 ug/L	1
107-06-2	1,2-Dichloroethane			not detected	1.27 ug/L	2
79-01-6	Trichloroethene			not detected	0.94 ug/L	1
78-87-5	1,2-Dichloropropane			not detected	0.78 ug/L	1
75-27-4	Bromodichloromethane			not detected	0.77 ug/L	1
110-75-8	2-Chloroethyl vinyl ether			not detected	1.05 ug/L	na
10061-01-5	cis-1,3-Dichloropropene			not detected	0.60 ug/L	na
108-10-1	4-Methyl-2-Pentanone			not detected	1.33 ug/L	400
108-88-3	Toluene			not detected	0.73 ug/L	1000
10061-02-6	trans-1,3-Dichloropropene			not detected	1.43 ug/L	na
79-00-5	1,1,2-Trichloroethane			not detected	1.49 ug/L	3
127-18-4	Tetrachloroethene			not detected	0.92 ug/L	1
591-78-6	2-Hexanone			not detected	1.12 ug/L	na
126-48-1	Dibromochloromethane			not detected	1.36 ug/L	10
108-90-7	Chlorobenzene			not detected	0.66 ug/L	4
100-41-4	Ethylbenzene			not detected	1.14 ug/L	700
1330-20-7	m+p-Xylenes			not detected	2.53 ug/L	na
1330-20-7	o-Xylene			not detected	1.92 ug/L	na
100-42-5	Styrene			not detected	1.57 ug/L	100
75-25-2	Bromoform			not detected	1.68 ug/L	4
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.71 ug/L	2
541-73-1	1,3-Dichlorobenzene			not detected	2.51 ug/L	600
106-46-7	1,4-Dichlorobenzene			not detected	3.08 ug/L	74
95-50-1	1,2-Dichlorobenzene			not detected	2.75 ug/L	600

Stream Water Analysis
March 1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2375.01	3/10/97	22	7.69	NA	1.8	0.06	850	13.9	50	<1	20
2375.02	3/10/97	21	8.20	NA	1.3	0.11	1550	13.1	25	<1	20
2375.03	3/10/97	20	8.20	NA	1.2	0.10	1575	12.0	30	10	18
2375.04	3/10/97	09	6.40	NA	2.2	0.28	41	12.5	310	40	2
2375.05	3/10/97	19	7.30	NA	2.2	0.14	20	12.0	985	70	1
2375.06	3/10/97	12	7.33	NA	2.2	0.07	22	12.0	615	21	0
2375.07	3/10/97	18	11.65	NA	1.4	0.09	16	12.5	TNTC	TNTC	1
2375.08	3/10/97	11	8.50	NA	2.2	0.07	27	13.1	770	90	0
2375.09	3/10/97	15	7.46	NA	2.1	0.19	26	12.0	20	15	0
2375.10	3/10/97	16	8.04	NA	2.7	0.11	6	13.8	175	5	0
2375.11	3/10/97	17	7.93	NA	2.4	0.13	9	14.0	330	35	1
2375.12	3/10/97	04	7.91	NA	2.5	0.12	7	13.9	125	15	0
2375.13	3/10/97	05	7.83	NA	2.3	0.12	6	13.8	145	5	0
2375.14	3/10/97	17	7.51	NA	3.0	0.16	22	13.1	250	15	0
2375.15	3/10/97	03	7.51	NA	3.3	NA	23	12.4	355	90	0
2375.16	3/10/97	14	7.42	NA	2.7	NA	22	11.2	730	105	0
2375.17	3/10/97	13	7.50	NA	2.4	NA	23	12.8	45	5	0

mg/L = parts per million
cfu = colony forming units
NA = Not available
TNTC = Too numerous to count

Completed:3/97
Reviewed: 3/97

Daniel K. Wright
Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/2nd Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2439.01	Aqueous	08-Apr-97 10:15	04/08/97
Stream Site 21	2439.02	Aqueous	08-Apr-97 10:25	04/08/97
Stream Site 20	2439.03	Aqueous	08-Apr-97 10:35	04/08/97
Stream Site 09	2439.04	Aqueous	08-Apr-97 10:45	04/08/97
Stream Site 19	2439.05	Aqueous	08-Apr-97 10:55	04/08/97
Stream Site 12	2439.06	Aqueous	08-Apr-97 11:05	04/08/97
Stream Site 18	2439.07	Aqueous	08-Apr-97 11:15	04/08/97
Stream Site 11	2439.08	Aqueous	08-Apr-97 11:25	04/08/97
Stream Site 15	2439.09	Aqueous	08-Apr-97 11:50	04/08/97
Stream Site 16	2439.10	Aqueous	08-Apr-97 12:35	04/08/97
Stream Site 07	2439.11	Aqueous	08-Apr-97 12:50	04/08/97
Stream Site 04	2439.12	Aqueous	08-Apr-97 13:10	04/08/97
Stream Site 05	2439.13	Aqueous	08-Apr-97 13:25	04/08/97
Stream Site 17	2439.14	Aqueous	08-Apr-97 13:30	04/08/97
Stream Site 03	2439.15	Aqueous	08-Apr-97 13:45	04/08/97
Stream Site 14	2439.16	Aqueous	08-Apr-97 13:55	04/08/97
Stream Site 13	2439.17	Aqueous	08-Apr-97 14:05	04/08/97

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Rhonda M. Pfl
For Daniel Wright 04/18/97
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.mon...outh.army.mil
NJDEP Certification #13461

Chain of Custody Record

Page 1 of 4

Customer: (V)DERA ( )OMA ( )Other:_____ | Project No: | Location: STREAM April 97

Sampler's Signature: [signature]

Analysis Parameters: Temp °C | pH | Diss O2 | Salinity | NH3 PO4 NO3 | G24 Soy TC

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	Remarks / Preservation Method
2439 1	STREAM site 22	4/8/97	10:15	GQ	All Samples Kept ≤ 4°C
2	21		10 25		NH_3 Has H_2SO_4
3	20		1035		G24 Has HCl
4	HT; 2.48 9		1045		17 250 ml Plastic w/ H_2SO_4
5	19		1055		17 500ml Plastic
6	HT: 7.24 12		1105		17 Whirl Bags
7	18		1115		36 VOA 40ml w/ HCl
8	11		1125		
9	15		1150		
10	HT; 3.88 16		1235		
11	HT 2.38 7		1250		
12	4		1310		
13	5		1325		
14	17		1330		

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	4/8/97 1445	[signature] 4-8-97			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:	

P... ...ibly

CT ...vis.3/1.3/97

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Page 1 of 2

Customer: (√)DERA ( )OMA ( )Other:_____ | Project No: | Location: STREAMS April 97

Sampler's Signature:

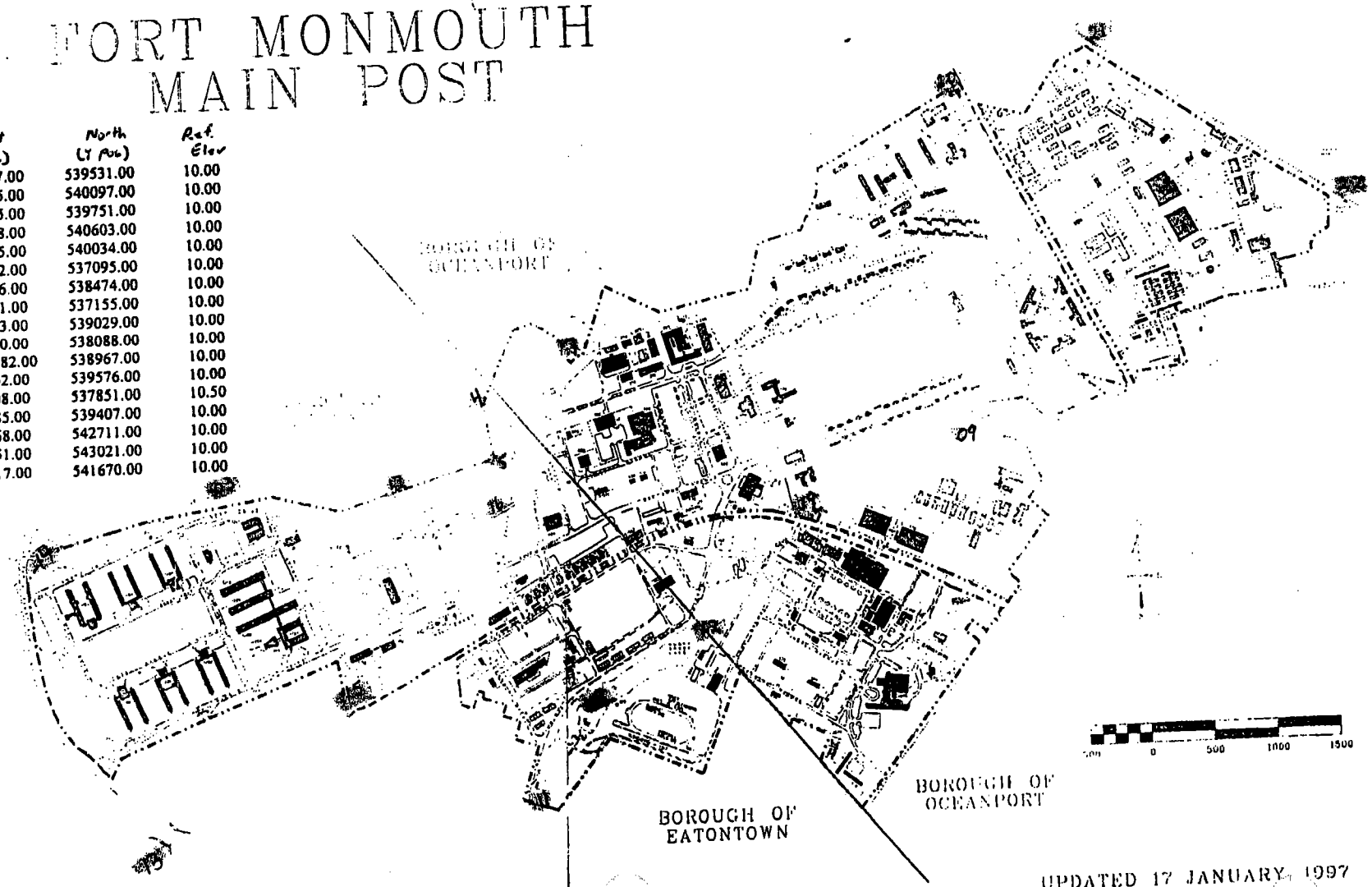
Lab Sample I.D.	Sample Location	Date	Time	Sample Type	Temp °C	pH	Diss O2	Salinity	NH3 NO3 PO4	Cl4 SO4 TC	Comments: Remarks / Preservation Method
2439 15	STREAM site 3	4/8/97	1345	AQ	10.2	6.88	14.5	1			All Samples Kept ≤ 4°C
16	14		1355		12.8	6.98	14.3	1			NH_3 Has H_2SO_4
17	13		1405		14.3	7.19	11.7	1			17 - 250ml Plastic w/ H_2SO_4
18	TRIP BLANK		0800								17 - 500ml Plastic
19	Field Blank		1805								17 whirl Bags
											36 VOA w/ HCl

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Reg. Rz	4/9/97 1145	[signature] 4547			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Relinquished by (signature):	Date/Time:	Received for laboratory by (signature):	Date/Time:	Remarks:	

print legibly

FORT MONMOUTH
MAIN POST

Stream	East (X Pos)	North (Y Pos)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00531.d**	Sample Name	**Daily Blank**
Operator	**Skelton**	Field ID	**Daily Blank**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00567.d**	Sample Name	**2439.18**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00568.d**	Sample Name	**2439.19**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**19-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Data File	**V00564.d**	Sample Name	**2439.15**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride	13.43	11594	2.00 ug/L	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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D = Value from dilution
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Data File	**V00561.d**	Sample Name	**2439.12**
Operator	**Skelton**	Field ID	**StreamSite#4**
Date Aquired	**18-Apr**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	13931	2.18 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
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R.T. = Retention Time

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Data File	**V00562.d**	Sample Name	**2439.13**
Operator	**Skelton**	Field ID	**StreamSite#5**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride	13.44	10745	1.96 ug/L	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.85	11421	1.80 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene	27.25	3480	2.28 ug/L	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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Data File	**V00542.d**	Sample Name	**2439.11**
Operator	**Skelton**	Field ID	**StreamSite#7**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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Data File	**V00535.d**	Sample Name	**2439.04**
Operator	**Skelton**	Field ID	**StreamSite#9**
Date Aquired	**17-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride	13.48	32086	1.82 ug/L	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	52010	2.78 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00539.d**	Sample Name	**2439.08**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	334591	18.72 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene	22.33	10572	1.58 ug/L	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00537.d**	Sample Name	**2439.06**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	120025	6.63 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00566.d**	Sample Name	**2439.17**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone	11.14	9637	2.81 ug/L	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride	13.43	1179	1.91 ug/L	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00565.d**	Sample Name	**2439.16**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone	11.17	12252	3.94 ug/L	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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D = Value from dilution
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MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00540.d**	Sample Name	**2439.09**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	46131	2.69 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene	22.32	10264	1.60 ug/L	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene	27.28	14712	6.00 ug/L	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00541.d**	Sample Name	**2439.10**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	37091	2.05 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene	22.31	8140	1.26 ug/L	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene	27.27	11600	4.47 ug/L	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00563.d**	Sample Name	**2439.14**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone	11.16	6755	1.97 ug/L	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00538.d**	Sample Name	**2439.07**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**18-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	5.67	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20	ug/L	
71-43-2	Benzene			not detected	0.15	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	7440	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	4.38	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
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Data File	**V00536.d**	Sample Name	**2439.05**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Aquired	**17-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene	17.87	120140	6.44 ug/L	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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D = Value from dilution
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R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00534.d**	Sample Name	**2439.03**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Aquired	**17-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene	29.59	15334	2.18 ug/L	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

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R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00533.d**	Sample Name	**2439.02**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Aquired	**17-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V00532.d**	Sample Name	**2439.01**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Aquired	**17-Apr-97**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifier
	Dichlorodifluoromethane			not detected	nle	3.63	ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79	ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61	ug/L	
74-83-9	Bromomethane			not detected	4000	1.45	ug/L	
75-00-3	Chloroethane			not detected	nle	2.20	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31	ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74	ug/L	
67-64-1	Acetone			not detected	nle	1.57	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54	ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07	ug/L	
78-93-3	2-Butanone			not detected	nle	2.06	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65	ug/L	
67-66-3	Chloroform			not detected	470	0.43	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81	ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20	ug/L	
71-43-2	Benzene			not detected	71	0.51	ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27	ug/L	
79-01-6	Trichloroethene			not detected	81	0.94	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78	ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33	ug/L	
108-88-3	Toluene			not detected	200000	0.73	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49	ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92	ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12	ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36	ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66	ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53	ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92	ug/L	
100-42-5	Styrene			not detected	nle	1.57	ug/L	
75-25-2	Bromoform			not detected	360	1.68	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

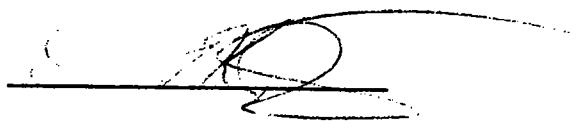
saltwater01.xls
7/15/99 3:37 PM

Stream Water Analysis
April 1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
2439.1	4/8/97	22	5.83	0.22	ND	0.07	1350	10.9	0	0
2439.2	4/8/97	21	7.21	0.38	0.5	0.13	925	10.6	0	0
2439.3	4/8/97	20	7.20	0.47	ND	0.14	1500	9.5	140	0
2439.4	4/8/97	9	7.70	0.32	0.3	0.07	145	11.5	640	60
2439.5	4/8/97	19	7.71	0.16	0.9	0.07	23	12.5	2240	120
2439.6	4/8/97	12	7.54	0.11	0.8	0.11	23	13.0	1580	120
2439.7	4/8/97	18	11.79	0.16	1.0	0.07	24	12.6	0	0
2439.8	4/8/97	11	8.66	0.08	1.0	0.10	22	12.8	80	60
2439.9	4/8/97	15	8.60	0.38	ND	0.13	30	14.1	1240	20
2439.10	4/8/97	16	8.37	0.40	ND	0.12	33	13.9	1180	80
2439.11	4/8/97	7	7.75	0.50	0.8	0.12	300	11.0	4140	60
2439.12	4/8/97	4	7.88	0.44	1.2	0.13	145	11.4	720	60
2439.13	4/8/97	5	7.90	0.39	0.9	0.10	60	13.0	1060	80
2439.14	4/8/97	17	7.60	0.60	0.9	0.20	50	12.0	700	40
2439.15	4/8/97	3	6.88	0.13	1.2	0.17	27	14.5	2400	440
2439.16	4/8/97	14	6.98	0.15	0.5	0.22	26	14.3	440	100
2439.17	4/8/97	13	7.19	0.57	1.1	0.15	33	11.7	1840	40

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:04/15/97
Reviewed: 04/15/97



Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/3rd Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	2810.01	Aqueous	17-Jul-97 08:30	07/17/97
Stream Site 21	2810.02	Aqueous	17-Jul-97 08:45	07/17/97
Stream Site 20	2810.03	Aqueous	17-Jul-97 09:00	07/17/97
Stream Site 09	2810.04	Aqueous	17-Jul-97 09:15	07/17/97
Stream Site 19	2810.05	Aqueous	17-Jul-97 09:30	07/17/97
Stream Site 12	2810.06	Aqueous	17-Jul-97 09:45	07/17/97
Stream Site 18	2810.07	Aqueous	17-Jul-97 10:00	07/17/97
Stream Site 11	2810.08	Aqueous	17-Jul-97 10:10	07/17/97
Stream Site 15	2810.09	Aqueous	17-Jul-97 10:30	07/17/97
Stream Site 16	2810.10	Aqueous	17-Jul-97 10:45	07/17/97
Stream Site 07	2810.11	Aqueous	17-Jul-97 10:55	07/17/97
Stream Site 04	2810.12	Aqueous	17-Jul-97 11:10	07/17/97
Stream Site 05	2810.13	Aqueous	17-Jul-97 11:20	07/17/97
Stream Site 17	2810.14	Aqueous	17-Jul-97 11:35	07/17/97
Stream Site 03	2810.15	Aqueous	17-Jul-97 11:55	07/17/97
Stream Site 14	2810.16	Aqueous	17-Jul-97 12:05	07/17/97
Stream Site 13	2810.17	Aqueous	17-Jul-97 12:20	07/17/97

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Patel
For Daniel Wright 07/26/97
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x 26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: STReams
July 97

Samplers Name / Company : Ray Popkin Scott Weyman HVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp °C	pH	Diss O2	Salinity	NH3	PO4	NO3	GLY	SO4	TC	Remarks / Preservation Method
2810 1	STReam Site 22	7/17/97	830	AQ	5	22.4	8.90	9.2	22	X			X		X	All Samples Kept ≤ 4°C
2	21		845			28.5	8.37	5.02	5							NH_3 Has H_2SO_4
3	20		900			28.2	8.33	4.8	25							GLY - HCl
4	HT: 1.86 9		915			28.3	5.51	10.2	10							17 250 Plastic w/ H_2SO_4
5	19		930			26.9	9.16	11.3	1							17 250ml Plastic
6	HT: ~1.20 12		945			27.3	9.31	13.3	0							17 Mini Bags
7	18		1000			26.1	8.12	10.9	0							36 VOA Vials w/HCl
8	11		1010			26.7	7.87	9.2	2							
9	15		1030			26.7	7.77	10.8	0							
10	HT: 16		1045			25.7	7.47	7.4	0							Could not read unreadable
11	HT: 7		1055			26.3	10.7	7.34	5							
12	4		1110			26.2	7.52	10.4	3							
13	5		1120			27.2	7.37	6.8	2							
14	17		1135			25.9	7.16	7.0	2							LV=23 - L27

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/17/97 1330	[signature] 7-17-97			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full. (_)Reduced. (X)Standard. (_)Screen / non-certified
Turnaround ti (X)Standard 4 wks. (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J Fallon
Phone #: X 26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: Streams July 97

Samplers Name / Company: Ray Polowist Scott Meyer / TVS

Lab Sample ID	Sample Location	Date	Time	Sample Type	# bottles	Temp oC	pH	Diss O2	Salinity	NH3 H2SO4	624 HCl	TC
28/0 15	STream site 3	7/7/97	1155	A.O	5	20.8	7.82	9.9	3	X	Y	Y
16	14		1205			22.9	7.57	9.1	2			
17	13		1210		22	25.4	7.77	7.4	0			
18	Trip Blank		0800									
19	Field Blank		1210									

Analysis Parameters

Comments:
Remarks / Preservation Method

All Samples Kept ≤ 4°C
NH_3 Has H_2SO_4
624 - HCl
17 250 Plastic w/ H_2SO_4
17 500ml Plastic
17 Whirl Bags
36 VOA 40ml w/ HCl

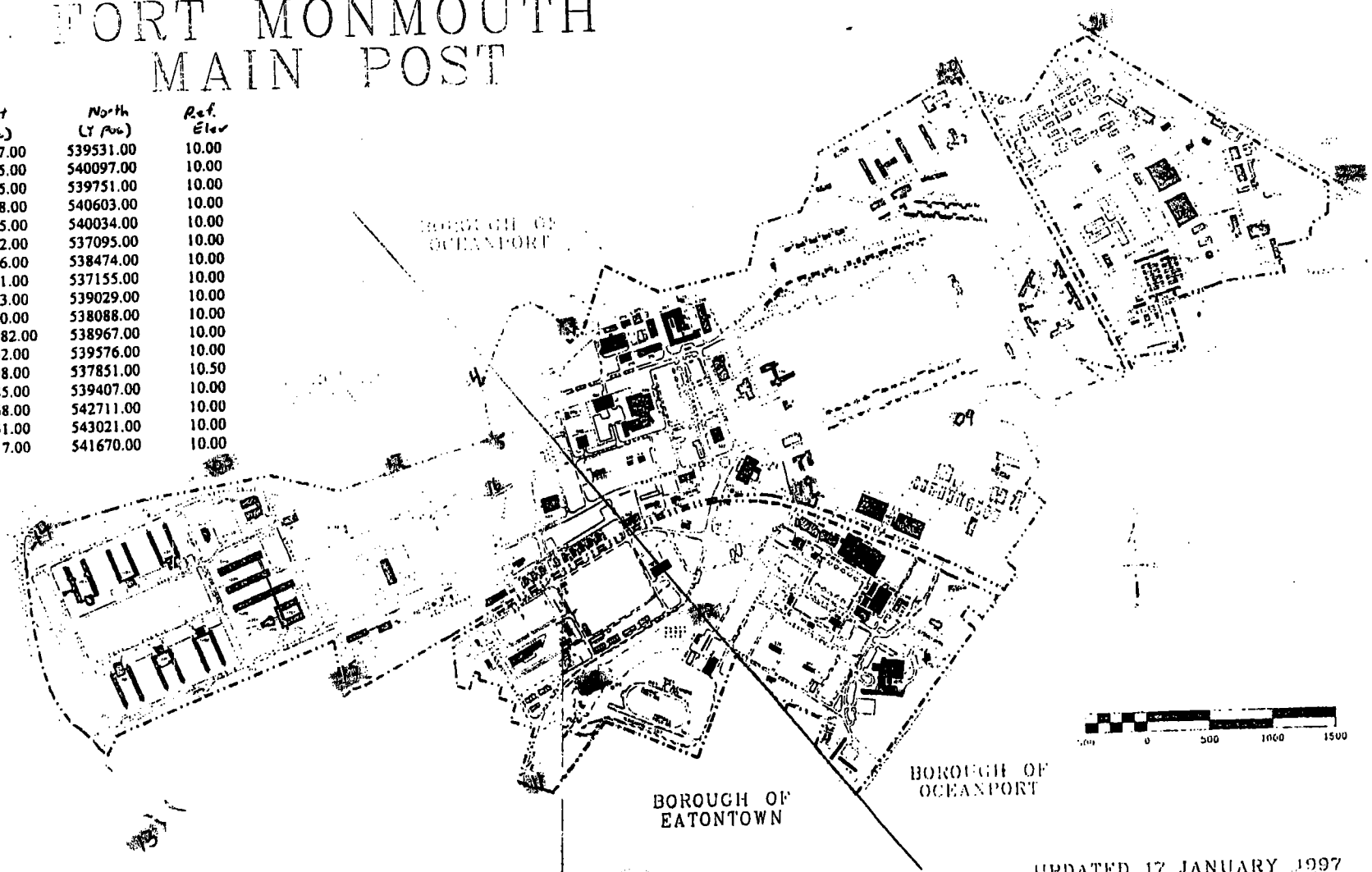
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	7/7/97 1330	[signature] 71747			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen/non-certified
Turnaround time: (X)Standard 4 wks. (_)Rush ____ Days. (_)ASAP Verbal ____ Hrs.

Remarks:

FORT MONMOUTH
MAIN POST

Stream #	East (X Pos.)	North (Y Pos.)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb01317.d**	Sample Name	**Daily Blank**
Operator	**Skelton**	Field ID	**Daily Blank**
Date Acquired	**29-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01344.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.18**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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7/16/99 10:41 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB01345.d**	Sample Name	**2810.19**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**29-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01341.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.15**
Field ID **StreamSite#03**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb01338.d**	Sample Name	**2810.12**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**29-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.88	10901	1.63 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.31	6511	1.61 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01339.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.13**
Field ID **StreamSite#05**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.87	23934	3.66 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.30	14257	3.54 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb01337.d**	Sample Name	**2810.11**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**29-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.86	7590	1.14 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.30	4528	1.08 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01321.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.04**
Field ID **StreamSite#09**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01325.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.08**
Field ID **StreamSite#11**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.90	61803	14.13 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01323.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.06**
Field ID **StreamSite#12**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01343.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.17**
Field ID **StreamSite#13**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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7/16/99 10:45 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01343.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2310.16**
Field ID **StreamSite#14**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

freshWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB01326.d**	Sample Name	**2810.09**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**29-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.91	23883	5.53 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	22.36	5880	2.50 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene	27.32	10993	7.12 ug/L	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01327.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.10**
Field ID **StreamSite#16**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.92	7815	2.55 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.32	7341	4.72 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01340.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.14**
Field ID **StreamSite#17**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB01324.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.07**
Field ID **StreamSite#18**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.91	4367	1.06 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01322.d**
Operator **Skelton**
Date Acquired **29-Jul-97**

Sample Name **2810.05**
Field ID **StreamSite#19**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	Vb01320.d	Sample Name	2810.03
Operator	Skelton	Field ID	StreamSite#20
Date Acquired	28-Jul-97	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether	14.12	18452	2.63 ug/L	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb01319.d**	Sample Name	**2810.02**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**28-Jul-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether	14.12	194992	2.90 ug/L	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb01318.d**
Operator **Skelton**
Date Acquired **28-Jul-97**

Sample Name **2810.01**
Field ID **StreamSite#22**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether	14.12	194992	2.90 ug/L	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Stream Water Analysis
July 1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
2810.01	7/17/97	22	8.90	0.34	1.0	0.80	1650	9.2	1440	200	22
2810.02	7/17/97	21	8.32	0.36	0.7	1.36	1350	5.0	460	200	25
2810.03	7/17/97	20	8.33	0.40	0.9	1.26	1150	4.0	220	140	25
2810.04	7/17/97	09	8.81	0.69	0.7	0.51	110	10.2	1600	480	10
2810.05	7/17/97	19	9.96	0.20	0.7	0.14	21	11.3	2400	620	1
2810.06	7/17/97	12	9.33	0.07	0.9	0.16	23	15.3	1100	140	0
2810.07	7/17/97	18	8.12	0.13	0.8	0.11	25	10.9	2420	340	0
2810.08	7/17/97	11	7.87	0.13	2.0	0.18	24	9.2	2160	1040	2
2810.09	7/17/97	15	7.77	0.31	1.1	0.43	24	10.8	3440	220	0
2810.10	7/17/97	16	7.47	0.44	2.2	0.42	36	7.4	3020	420	0
2810.11	7/17/97	07	10.7	0.08	0.4	0.36	180	7.4	TNTC	620	5
2810.12	7/17/97	04	7.52	0.33	ND	0.39	185	19.9	TNTC	740	1
2810.13	7/17/97	05	7.37	0.38	0.3	0.36	120	6.8	TNTC	500	2
2810.14	7/17/97	17	7.16	3.9	ND	0.56	105	7.0	2080	920	2
2810.15	7/17/97	03	7.82	0.23	0.9	0.36	140	9.9	TNTC	1040	3
2810.16	7/17/97	14	7.57	0.16	0.9	0.63	24	9.1	2400	220	2
2810.17	7/17/97	13	7.73	0.13	0.7	0.29	23	7.4	2300	300	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected
TNTC = Too numerous to count

Completed:7/97
Reviewed: 7/97

Daniel K. Wright
Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/4th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	3121.01	Aqueous	30-Oct-97 08:20	10/30/97
Stream Site 21	3121.02	Aqueous	30-Oct-97 08:35	10/30/97
Stream Site 20	3121.03	Aqueous	30-Oct-97 08:45	10/30/97
Stream Site 09	3121.04	Aqueous	30-Oct-97 09:00	10/30/97
Stream Site 19	3121.05	Aqueous	30-Oct-97 09:15	10/30/97
Stream Site 12	3121.06	Aqueous	30-Oct-97 09:25	10/30/97
Stream Site 18	3121.07	Aqueous	30-Oct-97 09:35	10/30/97
Stream Site 11	3121.08	Aqueous	30-Oct-97 09:45	10/30/97
Stream Site 15	3121.09	Aqueous	30-Oct-97 10:10	10/30/97
Stream Site 16	3121.10	Aqueous	30-Oct-97 10:20	10/30/97
Stream Site 07	3121.11	Aqueous	30-Oct-97 10:35	10/30/97
Stream Site 04	3121.12	Aqueous	30-Oct-97 10:50	10/30/97
Stream Site 05	3121.13	Aqueous	30-Oct-97 11:00	10/30/97
Stream Site 17	3121.14	Aqueous	30-Oct-97 11:10	10/30/97
Stream Site 03	3121.15	Aqueous	30-Oct-97 11:20	10/30/97
Stream Site 14	3121.16	Aqueous	30-Oct-97 11:35	10/30/97
Stream Site 13	3121.17	Aqueous	30-Oct-97 11:45	10/30/97

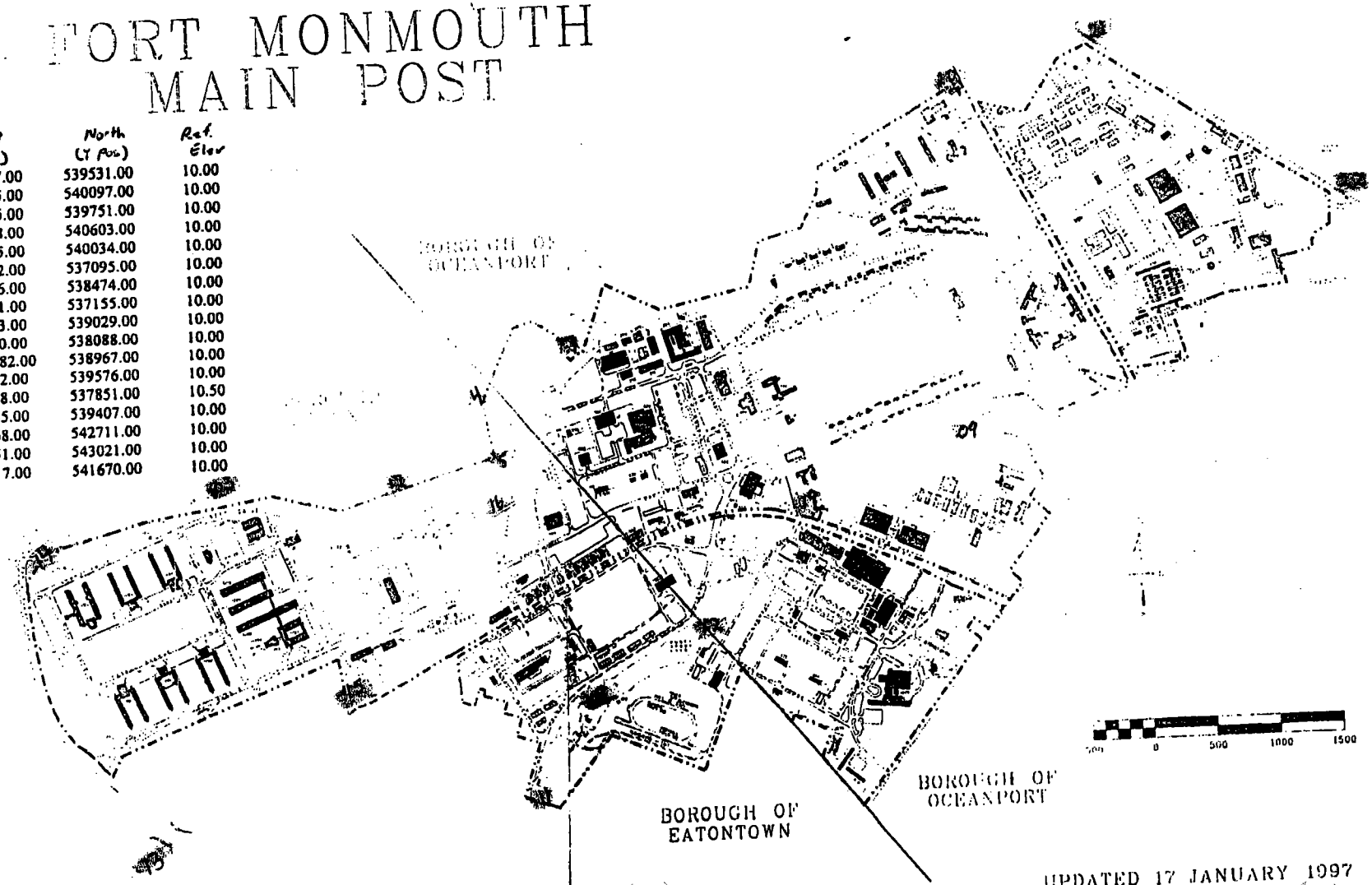
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Patel
For Daniel Wright 11/4/97
Daniel Wright/Date
Laboratory Director

FORT MONMOUTH
MAIN POST

Stream	East (X Pos)	North (Y Pos)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x26223
( )DERA ( )OMA ( )Other:

Project No:
Location: STREAMS Oct 97

Samplers Name / Company : Ray Polhist

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp °C	pH	Diss O2	Salinity	NH3	PO4 SO4 NO3	VOA	T.C.	Remarks / Preservation Method
3121 1	STREAMSITE 22	10/30/97	0820	AQ	5	9.5	6.91	8.6	25	X	X	X	X	All Samples Kept ≤ 4°C
2	21		0835			9.2	7.01	7.4	22					NH3 Has H_2SO_4
3	20		0845			9.9	7.07	7.2	25					VOA - HCl
4	HT: 2.28 9		0900			11.5	8.46	10.2	3					17 250ml Plastic w/ H_2SO_4
5	19		0915			11.1	8.65	9.3	2					17 250ml Plastic
6	HT: 7.30 12		0925			11.6	8.30	8.8	2					17 whirl Bags
7	18		0035			11.4	10.05	9.5	2					36 VOA 40ml w/ HCl
8	11		0945			11.5	9.32	10.2	2					
9	15		1010			11.2	8.50	10.8	2					
10	HT: 16		1020			11.1	8.78	9.4	2					HT - could not read
11	HT: 2.10 7		1035			10.1	7.78	11.0	5					
12	4		1050			11.3	8.32	9.3	5					
13	5		1100			11.3	8.36	10.3	4					
14	17		1110			10.0	8.35	11.08	3					Key #23 - 27

Comments:

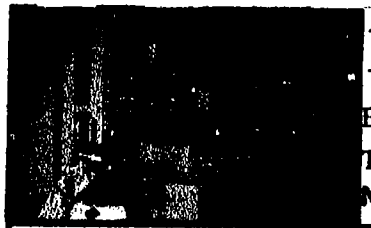
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
J. C. Fallon	10/30/97 1305	L. DeBenedetto			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

~me1328.xls10/27/97



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: STREAMS OCT 97

Samplers Name / Company : Ray Pogwist

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp °C	pH	Diss O	Salinity	NH_3	Poly Sys No.	VOA	TC	Remarks / Preservation Method
31215	STREAM site 3	10/30/97	1120	AQ	5	11.4	8.38	10.2	3	X	X	X	X	All Samples Kept ≤ 4°C
16	14		1135			10.6	8.37	9.2	2					NH_3 Has H_2SO_4
17	13		1045			12.2	8.20	10.4	2					VOA HCl
18	TRIP Blank				2									17 250ml Plastic w/ H_2SO_4
19	Field Blank				2									17 250ml Plastic
														17 whirl Bags
														36 VOA Vials w/ HCl
														Key #13-127

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
RC Bar	10/31/97 1305	K. DeBenedetto			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02346.d**	Sample Name	**Daily Blank**
Operator	**Skelton**	Field ID	**Daily Blank**
Date Acquired	**03-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02369.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **Daily Blank**
Field ID **Daily Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02370.d**	Sample Name	**3121.18**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**04-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	13.41	33132	7.31 ug/L	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02371.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **3121.19**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	13.41	18354	3.89 ug/L	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02377.d**	Sample Name	**3121.15**
Operator	**Skelton**	Field ID	**SS03**
Date Acquired	**04-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02374.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **3121.12**
Field ID **StreamSite#04**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.22	3872	1.24 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02375.d	Sample Name	3121.13
Operator	Skelton	Field ID	StreamSite#05
Date Acquired	04-Nov-97	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	9821	1.83 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.22	5094	1.70 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02373.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **3121.11**
Field ID **StreamSite#07**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02360.d**
Operator **Skelton**
Date Acquired **03-Nov-97**

Sample Name **3121.04**
Field ID **StreamSite#09**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	13539	2.14 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
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MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02364.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **3121.08**
Field ID **SS11**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	110673	18.23 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02362.d**	Sample Name	**3121.06**
Operator	**Skelton**	Field ID	**SS12**
Date Acquired	**03-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.82	34681	5.67 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02379.d	Sample Name	3121.17
Operator	Skelton	Field ID	SS13
Date Acquired	04-Nov-97	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02378.d**	Sample Name	**3121.16**
Operator	**Skelton**	Field ID	**SS14**
Date Acquired	**04-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.82	8181	1.59 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	22.27	5704	1.75 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02365.d	Sample Name	3121.09
Operator	Skelton	Field ID	SS15
Date Acquired	04-Nov-97	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	14042	2.57 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene	27.22	7857	2.72 ug/L	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02372.d**	Sample Name	**3121.10**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**04-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.82	9811	1.76 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.23	5709	1.86 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02376.d**
Operator **Skelton**
Date Acquired **04-Nov-97**

Sample Name **3121.14**
Field ID **StreamSite#17**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02363.d**	Sample Name	**3121.07**
Operator	**Skelton**	Field ID	**SS18**
Date Acquired	**04-Nov-97**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.82	33576	5.87 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02361.d**
Operator **Skelton**
Date Acquired **03-Nov-97**

Sample Name **3121.05**
Field ID **StreamSite#19**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	29425	4.69 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02359.d**
Operator **Skelton**
Date Acquired **03-Nov-97**

Sample Name **3121.03**
Field ID **StreamSite#20**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02358.d	Sample Name	3121.02
Operator	Skelton	Field ID	StreamSite#21
Date Acquired	03-Nov-97	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02357.d**
Operator **Skelton**
Date Acquired **03-Nov-97**

Sample Name **3121.01**
Field ID **StreamSite#22**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

SALTWATER03.xls

Stream Water Analysis
October1997

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3121.01	10/30/97	22	6.91	1.35	1.1	0.83	1800	8.6	40	<1	25
3121.02	10/30/97	21	7.01	1.76	0.6	1.07	1600	7.4	280	<1	22
3121.03	10/30/97	20	7.07	1.48	0.7	0.80	1800	7.2	160	<1	25
3121.04	10/30/97	09	8.46	0.89	1.0	0.54	85	10.2	2440	200	3
3121.05	10/30/97	19	8.65	0.19	1.0	0.08	14	9.3	4200	180	2
3121.06	10/30/97	12	8.30	0.30	1.0	0.10	15	8.8	1440	40	2
3121.07	10/30/97	18	10.05	0.30	0.8	0.10	14	9.5	380	20	2
3121.08	10/30/97	11	9.32	0.33	1.5	0.10	22	10.2	1120	280	2
3121.09	10/30/97	15	8.50	0.66	0.5	0.09	27	10.8	960	20	2
3121.10	10/30/97	16	8.78	0.73	0.7	0.12	33	9.4	3500	300	2
3121.11	10/30/97	07	7.78	1.41	0.2	0.14	290	11.0	960	<1	5
3121.12	10/30/97	04	8.32	1.13	0.6	0.14	110	9.3	820	40	5
3121.13	10/30/97	05	8.36	0.81	0.6	0.14	60	10.3	1300	40	4
3121.14	10/30/97	17	8.35	0.84	2.5	0.21	45	11.0	1640	100	3
3121.15	10/30/97	03	8.38	0.23	1.4	0.23	29	10.2	940	100	3
3121.16	10/30/97	14	8.37	0.21	1.4	0.25	31	9.2	3680	<1	2
3121.17	10/30/97	13	8.20	0.64	1.0	0.14	125	10.4	260	40	2

mg/L = parts per million
cfu = colony forming units
ND = Not detected
TNTC = Too numerous to count

Completed:10/97
Reviewed: 10/97

Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	3331.01	Aqueous	10-Feb-98 09:00	02/10/98
Stream Site 21	3331.02	Aqueous	10-Feb-98 09:10	02/10/98
Stream Site 20	3331.03	Aqueous	10-Feb-98 09:30	02/10/98
Stream Site 09	3331.04	Aqueous	10-Feb-98 09:50	02/10/98
Stream Site 19	3331.05	Aqueous	10-Feb-98 10:00	02/10/98
Stream Site 12	3331.06	Aqueous	10-Feb-98 10:10	02/10/98
Stream Site 18	3331.07	Aqueous	10-Feb-98 10:25	02/10/98
Stream Site 11	3331.08	Aqueous	10-Feb-98 10:35	02/10/98
Stream Site 15	3331.09	Aqueous	10-Feb-98 10:45	02/10/98
Stream Site 16	3331.10	Aqueous	10-Feb-98 11:10	02/10/98
Stream Site 07	3331.11	Aqueous	10-Feb-98 11:20	02/10/98
Stream Site 04	3331.12	Aqueous	10-Feb-98 11:40	02/10/98
Stream Site 05	3331.13	Aqueous	10-Feb-98 11:50	02/10/98
Stream Site 17	3331.14	Aqueous	10-Feb-98 12:50	02/10/98
Stream Site 03	3331.15	Aqueous	10-Feb-98 13:00	02/10/98
Stream Site 14	3331.16	Aqueous	10-Feb-98 13:10	02/10/98
Stream Site 13	3331.17	Aqueous	10-Feb-98 13:25	02/10/98

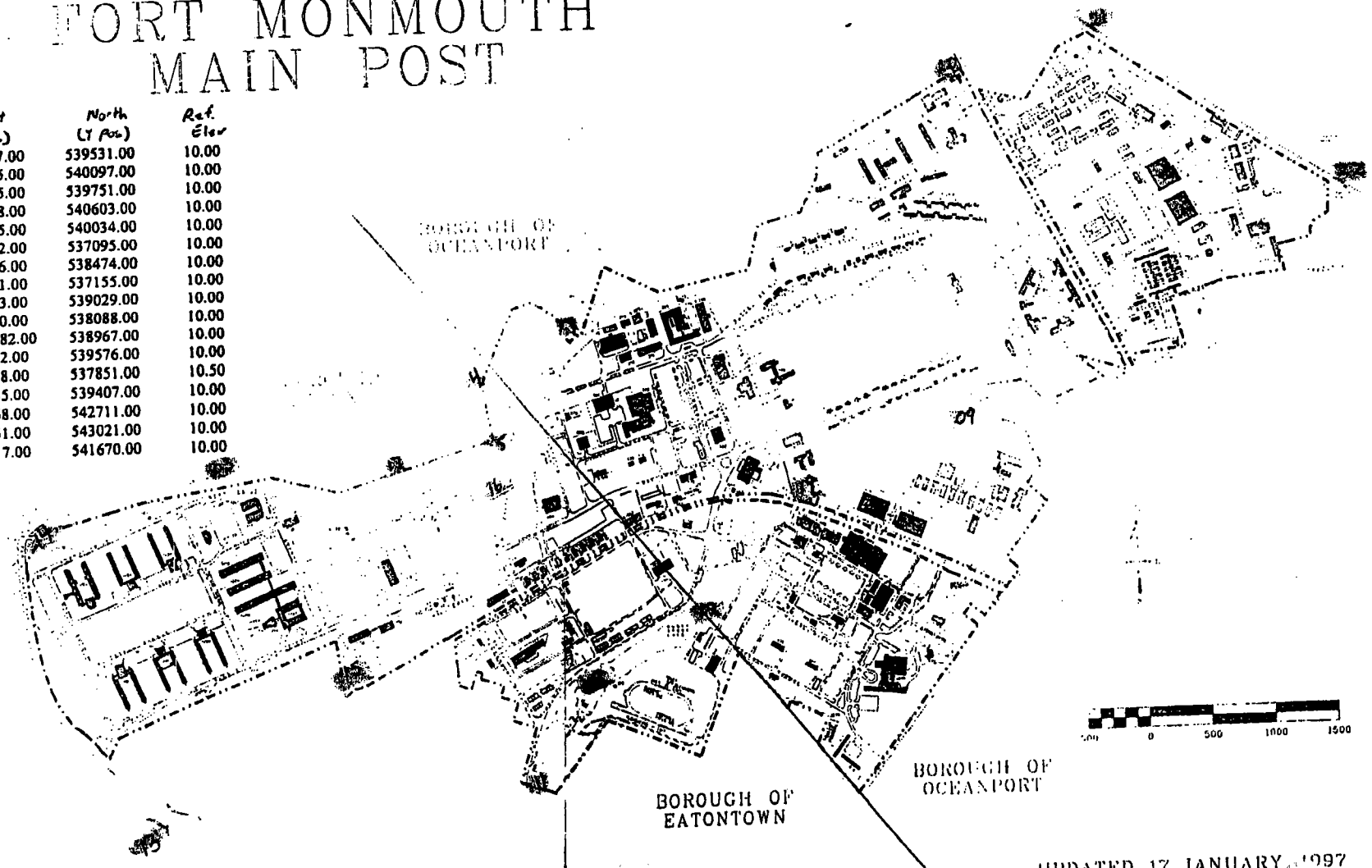
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Rao
For Daniel Wright 02/18/98
Daniel Wright/Date
Laboratory Director

FORT MONMOUTH
MAIN POST

Stream #	East (X Pos)	North (Y Pos)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

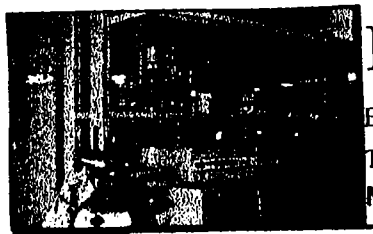
Customer: J. Fallon
Phone #: X26223
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: Streams
Samplers Name / Company: Ray Pogwist / Dave Dolan/Hank Dt/Tvs

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp °C	pH	Diss O2	Salinity	NH3	PO4, SO4, NO3	VOA	TC	Remarks / Preservation Method
3331.01	streams site 22	2/10/98	900	AQ	5	2.5	7.37	12.1	9	X	X	X	X	all Samples Kept ≤ 4°C
02	21		910			2.8	7.51	12.5	10					NH_3 Has H_2SO_4
03	20		930			3.6	7.55	13.0	15					VOA - HCl
04	HT: 2.90 9		950			4.7	8.28	13.2	1					17 250ml Plastic w/ H_2SO_4
05	19		1000			5.5	8.78	10.8	N/D					17 250ml Plastic
06	HT. 7.40 12		1010			6.5	3.51	10.5	N/D					17 whirl Bags
07	18		1045			7.5	9.85	10.3	N/D					38 VOA 40ml w/HCl
08	11		1035			7.4	9.51	11.2	N/D					
09	15		10:45			5.7	9.28	12.5	N/D					
10	HT: 16		1110			5.9	8.96	14.1	N/D					Co-12 not need HT.
11	HT: 7		1120			4.2	8.07	12.4	4					240 stream samples
12	4		1140			6.0	8.64	9.6	3					
13	5		1150			6.4	8.59	10.0	1					
14	17		1250	↓	↓	7.0	8.32	11.3	2	↓	↓	↓	↓	Key #13-27

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Rec'd	2/10/98 1100	J. Vaughan			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (_)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (908)532-4359 Fax (908)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: x26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: Streams

Samplers Name / Company: Ray Poglist / TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp °C	pH	Diss O2	Salinity	NH3	PO4 SO4 NO3	VOA	TC	Remarks / Preservation Method
33315	Stream site 3	2/10/98	1300	AQ	5	5.9	8.22	10.2	2	X	X	Y	X	All Samples Kept @ 4°C
16	14		1310			6.2	8.20	11.1	0					NH_3 H_2S H_2SO_4
17	13		1325			6.8	8.09	10.2	0					VOA - HCl
18	Trip Blank		830											17 250ml Plastic w/ H_2SO_4
19	Field Blank		1330											19 250ml Plastic
20	Field Dup		—			6.7	8.10	10.2	0	X	X	X	Y	17 Whirl Bags
														38 VOA 40ml w/HCl

Comments: Remarks / Preservation Method

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2/10/98 1400	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified
Turnaround time: ( )Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02965.d**	Sample Name	**Vblk24**
Operator	**Skelton**	Field ID	**Vblk24**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **V02966.d**
Operator **Skelton**
Date Acquired **12-Feb-98**

Sample Name **3331.18**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	13.43	24809	5.37 ug/L	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02967.d**	Sample Name	**3331.19**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02983.d**	Sample Name	**3331.15**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02980.d**	Sample Name	**3331.12**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.21	20759	6.61 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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D = Value from dilution
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R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02981.d	Sample Name	3331.13
Operator	Skelton	Field ID	StreamSite#05
Date Acquired	13-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.21	24773	6.34 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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D = Value from dilution
PQL = Practical Quantitation Limit
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R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02979.d**	Sample Name	**3331.11**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.21	7614	2.04 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02972.d	Sample Name	3331.04
Operator	Skelton	Field ID	StreamSite#09
Date Acquired	12-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	29798	6.00 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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D = Value from dilution
PQL = Practical Quantitation Limit
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NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02976.d**	Sample Name	**3331.08**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	120625	24.71 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	22.26	7266	2.14 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02974.d	Sample Name	3331.06
Operator	Skelton	Field ID	StreamSite#12
Date Acquired	12-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.80	32354	6.54 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02985.d**	Sample Name	**3331.17**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02984.d	Sample Name	3331.16
Operator	Skelton	Field ID	StreamSite#14
Date Acquired	13-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02977.d	Sample Name	3331.09
Operator	Skelton	Field ID	StreamSite#15
Date Acquired	13-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	22.25	3561	1.03 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene	27.21	26125	6.90 ug/L	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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D = Value from dilution
PQL = Practical Quantitation Limit
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R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02978.d**	Sample Name	**3331.10**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	27.21	22638	6.23 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit
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R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02982.d**	Sample Name	**3331.14**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**13-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene	29.28	18968	1.59 ug/L	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02975.d**	Sample Name	**3331.07**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	67288	14.36 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02973.d**	Sample Name	**3331.05**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.81	39904	8.22 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02971.d**	Sample Name	**3331.03**
Operator	**Skelton**	Field ID	**StreamSite#20**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
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NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02970.d**	Sample Name	**3331.02**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
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NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	V02969.d	Sample Name	3331.01
Operator	Skelton	Field ID	StreamSite#22
Date Acquired	12-Feb-98	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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PQL = Practical Quantitation Limit
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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**V02968.d**	Sample Name	**3331.20**
Operator	**Skelton**	Field ID	**Field Dup**
Date Acquired	**12-Feb-98**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

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Stream Water Analysis
February 1998

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
3331.01	2/10/98	22	7.37	0.492	0.20	0.11	1700	12.1	100	100
3331.02	2/10/98	21	7.51	0.374	0.40	0.14	700	12.5	<1	60
3331.03	2/10/98	20	7.55	0.332	010	0.09	1400	13.0	160	260
3331.04	2/10/98	09	8.98	0.611	0.90	0.22	39	13.2	80	640
3331.05	2/10/98	19	8.78	1.56	0.30	0.21	22	10.8	40	880
3331.06	2/10/98	12	8.51	0.347	0.70	0.16	30	10.5	<1	640
3331.07	2/10/98	18	9.85	0.406	1.00	0.15	26	10.3	60	360
3331.08	2/10/98	11	9.51	0.322	0.70	0.16	22	11.2	40	220
3331.09	2/10/98	15	9.28	0.444	ND	0.24	28	12.5	120	40
3331.10	2/10/98	16	8.96	0.463	1.10	0.18	24	14.1	<1	140
3331.11	2/10/98	07	8.07	0.485	ND	0.21	145	12.4	40	280
3331.12	2/10/98	04	8.64	0.482	0.40	0.20	40	9.6	140	80
3331.13	2/10/98	05	8.59	0.434	0.10	0.11	30	10.0	60	100
3331.14	2/10/98	17	8.32	0.936	ND	0.41	43	11.3	60	240
3331.15	2/10/98	03	8.22	0.306	ND	0.23	29	10.2	440	1000
3331.16	2/10/98	14	8.20	0.251	ND	0.31	26	11.1	40	80
3331.17	2/10/98	13	8.09	0.474	ND	0.21	27	10.2	100	60

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:02/17/98
Reviewed: 02/17/98

7-20-99

Daniel K. Wright

Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/2nd Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	3499.01	Aqueous	21-Apr-98 08:20	04/21/98
Stream Site 21	3499.02	Aqueous	21-Apr-98 08:35	04/21/98
Stream Site 20	3499.03	Aqueous	21-Apr-98 08:45	04/21/98
Stream Site 09	3499.04	Aqueous	21-Apr-98 09:00	04/21/98
Stream Site 19	3499.05	Aqueous	21-Apr-98 09:05	04/21/98
Stream Site 12	3499.06	Aqueous	21-Apr-98 09:15	04/21/98
Stream Site 18	3499.07	Aqueous	21-Apr-98 09:30	04/21/98
Stream Site 11	3499.08	Aqueous	21-Apr-98 09:40	04/21/98
Stream Site 15	3499.09	Aqueous	21-Apr-98 09:45	04/21/98
Stream Site 16	3499.10	Aqueous	21-Apr-98 10:00	04/21/98
Stream Site 07	3499.11	Aqueous	21-Apr-98 10:10	04/21/98
Stream Site 04	3499.12	Aqueous	21-Apr-98 10:30	04/21/98
Stream Site 05	3499.13	Aqueous	21-Apr-98 10:35	04/21/98
Stream Site 17	3499.14	Aqueous	21-Apr-98 10:40	04/21/98
Stream Site 03	3499.15	Aqueous	21-Apr-98 11:00	04/21/98
Stream Site 14	3499.16	Aqueous	21-Apr-98 11:10	04/21/98
Stream Site 13	3499.17	Aqueous	21-Apr-98 11:20	04/21/98

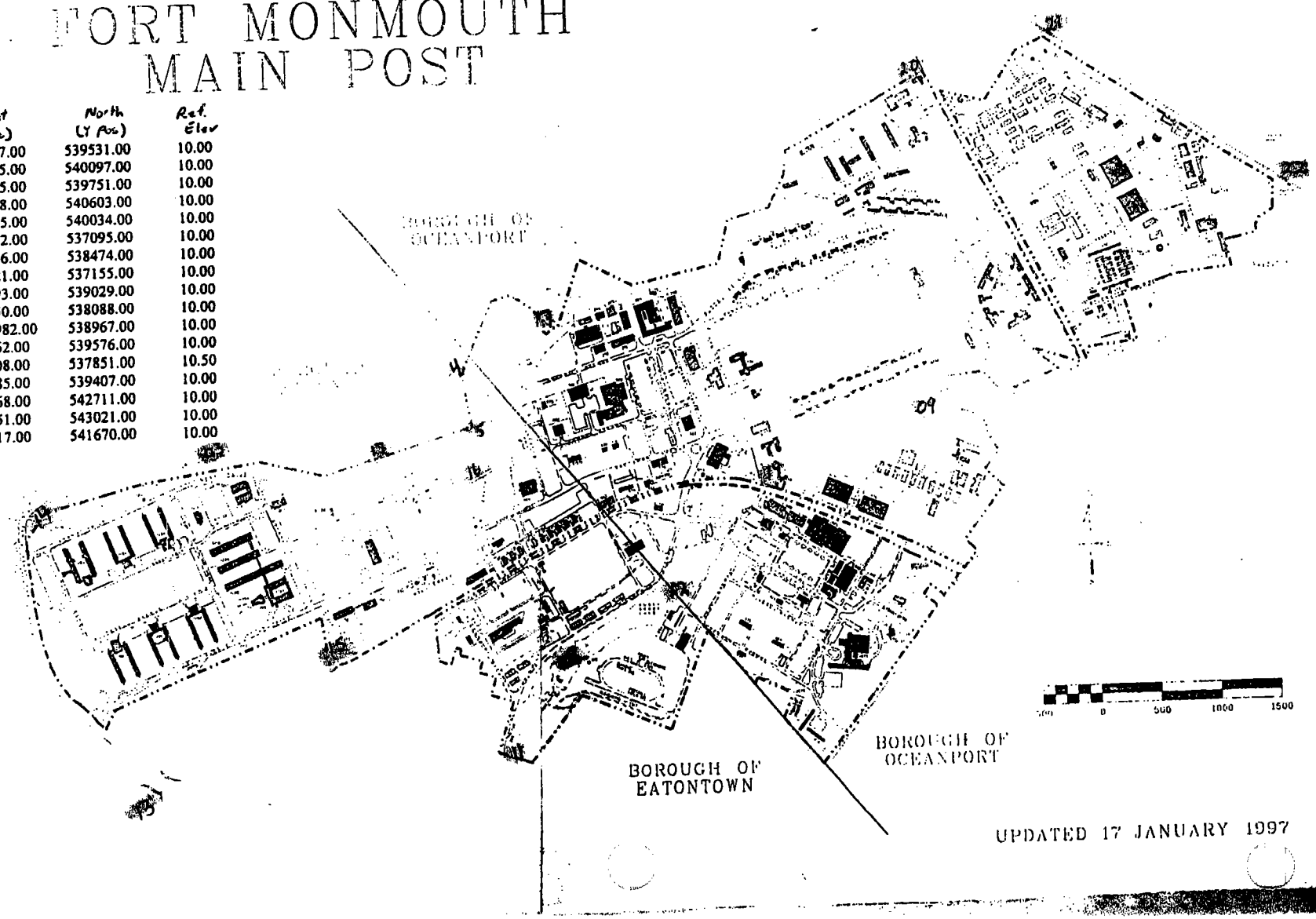
ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

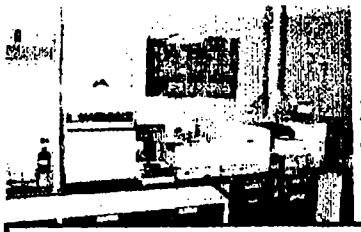
1.10.99
Daniel Wright/Date
Laboratory Director

FORT MONMOUTH
MAIN POST

Stream #	East (X Pos)	North (Y Pos)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: X 26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Second Quarter Streams

Samplers Name / Company : Scott W. Lisa D. TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp. C°	pH	Diss. O_2	Salinity %	VOA	NH_3	PO_4, SO_4, NO_3	Total Coliform	Remarks / Preservation Method
3499 .01	Stream Site #22	4/21/98	0820	Aq	5	13.5	6.60	7.03	15	X	X	X	X	All samples kept <4 C°
.02	#21	4/21/98	0835	Aq	5	12.9	6.81	6.93	15	X	X	X	X	NH_3 - H_2SO_4
.03	#20	4/21/98	0845	Aq	5	12.4	6.79	8.60	10	X	X	X	X	VOA-HCL
.04	Ht: 1.00 #09	4/21/98	0900	Aq	5	12.6	6.82	9.48	3	X	X	X	X	19 250ml plastic w/H_2SO_4
.05	#19	4/21/98	0905	Aq	5	12.9	6.87	9.48	1	X	X	X	X	19 250ml
.06	Ht: 7.30 #12	4/21/98	0915	Aq	5	12.2	6.62	8.96	1	X	X	X	X	19 Whirl Bags
.07	#18	4/21/98	0930	Aq	5	12.2	10.42	10.58	1	X	X	X	X	40 VOA 40ml w/HCL
.08	#11	4/21/98	0940	Aq	5	11.9	6.72	10.32	1	X	X	X	X	
.09	#15	4/21/98	0945	Aq	5	12.9	6.88	10.81	1	X	X	X	X	
.10	Ht: NOT USED #16	4/21/98	1000	Aq	5	12.9	6.90	11.41	1	X	X	X	X	
.11	Ht: 0.66 #07	4/21/98	1010	Aq	5	12.3	6.99	10.81	1	X	X	X	X	
.12	#04	4/21/98	1030	Aq	5	13.5	6.90	11.27	1	X	X	X	X	
.13	#05	4/21/98	1035	Aq	5	13.5	6.92	10.99	1	X	X	X	X	
.14	#17	4/21/98	1040	Aq	5	12.8	6.97	11.37	1	X	X	X	X	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
T. DeBenedetto	4/21/98 1245	J. Appleby			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: X 26223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Second Quarter Streams

Samplers Name / Company : Scott W. Lisa D. TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp. C°	pH	Diss. O_2	Salinity	VOA	NH_3	PO_4, SO_4, NO_3	Total Coliform	Remarks / Preservation Method
3499.15	Stream Site #03	4/21/98	1100	Aq	5	12.2	6.91	10.72	1	X	X	X	X	All samples kept <4 C°
.16	#14	4/21/98	1110	Aq	5	12.4	6.96	9.80	1	X	X	X	X	NH3 - H_2SO_4
.17	#13	4/21/98	1120	Aq	5	14.6	6.90	10.92	1	X	X	X	X	VOA-HCL
.18	Trip Blank	4/21/98		Aq	2					X				19 250ml plastic w/H_2SO_4
.19	Field Blank	4/21/98		Aq	5					X	X	X	X	19 250ml
.20	Field Dup.	4/21/98	1120	Aq	5	14.6	6.92	10.59	1	X	X	X	X	19 Whirl Bags
														40 VOA 40ml w/HCL

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
L. DeBenedetto	4/21/98 1245	J. Verguire			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround Time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00227.d**
Operator **Skelton**
Date Acquired **29-~~Aug~~-98** TJK
April

Sample Name **VBLK05**
Field ID **VBLK05**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00257.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **VBLK06**
Field ID **VBLK06**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00262.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.18**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	12.79	161897	17.54 ug/L	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00263.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** April TJK

Sample Name **3499.19**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride	12.81	1162261	125.58 ug/L	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

freshWATER03.xls

7/16/99 9:38 AM

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00259.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.15**
Field ID **StreamSite#03**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00251.d** Sample Name **3499.12**
Operator **Skelton** Field ID **SreamSite#04**
Date Acquired **30-~~Aug~~-98** April TJK Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb00252.d**	Sample Name	**3499.13**
Operator	**Skelton**	Field ID	**SreamSite#05**
Date Acquired	**30-~~Aug~~-98** April TJK	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	26.64	45415	4.48 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00250.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.11**
Field ID **SreamSite#07**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	26.64	24804	2.40 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00243.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.04**
Field ID **SreamSite#09**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.19	70087	4.73 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00247.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.08**
Field ID **StreamSite#11**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.19	312894	21.66 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	21.67	19429	1.82 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00245.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** April TJK

Sample Name **3499.06**
Field ID **StreamSite#12**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00261.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** April TJK

Sample Name **3499.17**
Field ID **StreamSite#13**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00260.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** April TJK

Sample Name **3499.16**
Field ID **StreamSite#14**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00248.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.09**
Field ID **StreamSite#15**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.19	17942	1.22 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene	21.67	12843	1.21 ug/L	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene	26.64	60165	5.72 ug/L	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**Vb00249.d**	Sample Name	**3499.10**
Operator	**Skelton**	Field ID	**SreamSite#16**
Date Acquired	**30-~~Aug~~-98** April TJK	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene	26.64	47265	4.58 ug/L	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00258.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** April TJK

Sample Name **3499.14**
Field ID **SreamSite#17**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00246.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.07**
Field ID **StreamSite#18**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
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D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00244.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.05**
Field ID **SreamSite#19**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene	17.19	100916	6.86 ug/L	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00242.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.03**
Field ID **SreamSite#20**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00241.d**
Operator **Skelton**
Date Acquired **30-~~Aug~~-98** TJK
April

Sample Name **3499.02**
Field ID **SreamSite#21**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **Vb00240.d**
Operator **Skelton**
Date Acquired **29-~~Aug~~-98**
April TJK

Sample Name **3499.01**
Field ID **SreamSite#22**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	Reserved	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	525	2.61 ug/L	
74-83-9	Bromomethane			not detected	4000	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	1600	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	470	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	1.20 ug/L	
71-43-2	Benzene			not detected	71	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	1.27 ug/L	
79-01-6	Trichloroethene			not detected	81	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	200000	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	27900	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	360	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB00264.d**
Operator **Skelton**
Date Acquired ~~30-Aug-98~~ 30 April-98 TJK

Sample Name **3499.20**
Field ID **Field Dup**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	320	6.25 ug/L	
107131	Acrylonitrile			not detected	0.665	6.25 ug/L	
75650	tert-Butyl alcohol			not detected	nle	12.50 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	2.50 ug/L	
108203	Di-isopropyl ether			not detected	nle	1.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	3.63 ug/L	
74-87-3	Chloromethane			not detected	5.7	0.79 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	2.61 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.45 ug/L	
75-00-3	Chloroethane			not detected	nle	2.20 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	1.31 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.74 ug/L	
67-64-1	Acetone			not detected	nle	1.57 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.54 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	1.66 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.50 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.83 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	2.07 ug/L	
78-93-3	2-Butanone			not detected	nle	2.06 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.65 ug/L	
67-66-3	Chloroform			not detected	5.67	0.43 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.81 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	1.20 ug/L	
71-43-2	Benzene			not detected	0.15	0.51 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	1.27 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.94 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.78 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.77 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	1.05 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.60 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	1.33 ug/L	
108-88-3	Toluene			not detected	7440	0.73 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	1.43 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	1.49 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.92 ug/L	
591-78-6	2-Hexanone			not detected	nle	1.12 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	1.36 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.66 ug/L	
100-41-4	Ethylbenzene			not detected	3030	1.14 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	2.53 ug/L	
1330-20-7	o-Xylene			not detected	nle	1.92 ug/L	
100-42-5	Styrene			not detected	nle	1.57 ug/L	
75-25-2	Bromoform			not detected	4.38	1.68 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	1.71 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	2.51 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	3.08 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	2.75 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

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D = Value from dilution
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MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Stream Water Analysis
April 1998

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrate (mg/L)	Phosphate (mg/L)	Sulfate (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)
3499.01	04/21/98	22	6.60	0.680	0.30	0.23	1100	7.03	<1	100
3499.02	04/21/98	21	6.81	0.250	ND	0.29	1600	6.93	60	120
3499.03	04/21/98	20	6.79	0.220	ND	0.22	1500	8.60	240	780
3499.04	04/21/98	09	6.82	0.198	0.50	0.33	74	9.48	<1	320
3499.05	04/21/98	19	6.87	0.745	0.50	0.18	19	9.48	240	14600
3499.06	04/21/98	12	6.62	0.288	2.40	0.28	38	8.96	<1	200
3499.07	04/21/98	18	10.42	0.469	1.80	0.25	27	10.58	<1	<1
3499.08	04/21/98	11	6.72	0.343	1.60	0.16	22	10.32	40	460
3499.09	04/21/98	15	6.88	0.785	ND	0.14	23	10.81	520	1300
3499.10	04/21/98	16	6.90	0.920	ND	0.11	27	11.41	420	1280
3499.11	04/21/98	07	6.90	0.848	ND	0.28	26	10.81	280	1320
3499.12	04/21/98	04	6.90	0.916	ND	0.26	25	11.27	360	1400
3499.13	04/21/98	05	6.92	0.962	0.20	0.59	26	10.99	720	1060
3499.14	04/21/98	17	6.97	0.269	0.30	0.26	25	11.37	240	740
3499.15	04/21/98	03	6.91	0.347	0.80	0.12	29	10.72	80	280
3499.16	04/21/98	14	6.96	0.234	0.50	0.23	24	9.80	160	980
3499.17	04/21/98	13	10.92	0.745	ND	0.14	25	10.92	360	1220

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:04/28/98
Reviewed: 04/28/98

7-20-99

Daniel K. Wright
Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/3th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	3816.01	Aqueous	19-Aug-98 10:05	08/19/98
Stream Site 21	3816.02	Aqueous	19-Aug-98 10:25	08/19/98
Stream Site 20	3816.03	Aqueous	19-Aug-98 10:35	08/19/98
Stream Site 09	3816.04	Aqueous	19-Aug-98 10:45	08/19/98
Stream Site 19	3816.05	Aqueous	19-Aug-98 11:00	08/19/98
Stream Site 12	3816.06	Aqueous	19-Aug-98 11:10	08/19/98
Stream Site 18	3816.07	Aqueous	19-Aug-98 11:20	08/19/98
Stream Site 11	3816.08	Aqueous	19-Aug-98 11:30	08/19/98
Stream Site 15	3816.09	Aqueous	19-Aug-98 11:50	08/19/98
Stream Site 16	3816.10	Aqueous	19-Aug-98 12:45	08/19/98
Stream Site 05	3816.11	Aqueous	19-Aug-98 13:05	08/19/98
Stream Site 04	3816.12	Aqueous	19-Aug-98 13:15	08/19/98
Stream Site 07	3816.13	Aqueous	19-Aug-98 13:30	08/19/98
Stream Site 17	3816.14	Aqueous	19-Aug-98 13:40	08/19/98
Stream Site 03	3816.15	Aqueous	19-Aug-98 14:05	08/19/98
Stream Site 14	3816.16	Aqueous	19-Aug-98 14:20	08/19/98
Stream Site 13	3816.17	Aqueous	19-Aug-98 14:30	08/19/98

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

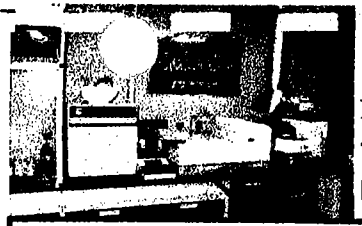
Bhaskar M. Rao
For Daniel Wright 09/01/98
Daniel Wright/Date
Laboratory Director

METHODOLOGY SUMMARY

PARAMETER	REFERENCE
TARGET ANALYTE LIST METALS	Standard Methods, 18th ed.
Aluminum	3120B
Antimony	3120B
Arsenic	3120B
Barium	3120B
Beryllium	3120B
Cadmium	3120B
Calcium	3120B
Chromium	3120B
Cobalt	3120B
Copper	3120B
Iron	3120B
Lead	3120B
Magnesium	3120B
Manganese	3120B
Mercury	3112B
Nickel	3120B
Potassium	3120B
Selenium	3120B
Silver	3120B
Sodium	3120B
Thallium	3120B
Vanadium	3120B
Zinc	3120B

PARAMETER	REFERENCE
TARGET COMPOUND LIST ORGANICS	Federal Register 40 CFR Part 136 Appendix A
Base/Neutral and Acid Extractables by GC/MS	625
Purgeable Organics by GC/MS	624
Pesticide and PCB by GC	608

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: 26223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: 3rd Qtr Streams

Samplers Name / Company: CPM / LD TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH3	PO4, SO4, NO3	Total Cd	°C Temp	pH	Diss. O2	Salinity %	Comments: Remarks / Preservation Method
38160 .01	SS 22	8-19-98	1005	AQ	5	✓	✓	✓	✓	23.0	6.52	2.61	1.018	HCL/HNO3/4°C 26%
.02	21		1025		5	✓	✓	✓	✓	24.8	6.67	3.65	1.017	24%
.03	20		1035		5	✓	✓	✓	✓	26.8	6.81	3.86	1.018	23%
.04	HT: 2.11 09		1045		5	✓	✓	✓	✓	24.8	6.53	3.32	1.003	3%
.05	19		1100		5	✓	✓	✓	✓	24.5	6.72	2.54	1.0	0%
.06	12		1110		5	✓	✓	✓	✓	24.9	6.80	3.51	1.0	0%
.07	18		1120		5	✓	✓	✓	✓	27.3	6.97	4.46	1.0	0%
.08	Wt: ? 11		1130		5	✓	✓	✓	✓	26.8	6.93	4.18	1.0	0%
.09	15		1150		5	✓	✓	✓	✓	27.4	6.84	3.61	1.0	0%
.10	? 16		1245		5	✓	✓	✓	✓	24.5	6.81	3.12	1.0	0%
.11	5		1305		5	✓	✓	✓	✓	26.6	6.83	3.27	1.0	0%
.12	4		1315		5	✓	✓	✓	✓	26.6	6.86	3.12	1.0	0%
.13	? 7		1330		5	✓	✓	✓	✓	27.1	6.80	3.01	1.002	4%
.14	17	↓	1340	↓	5	✓	✓	✓	✓	28.9	6.91	3.37	1.005	1%

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CPM/LD	4/19/98 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Started at beginning of out going Tide.

print legibly

coc.XLS8/12/98

SAMPLE RECEIPT FORM

Date Received: 8-19-98 Lab Project ID#: 3816

Site/Project Name: 3RD Quart. Stream Cooler Temp (deg. C): -0.3C

Received By: J. Vergara Sign: J. Vergara
(print name)

Check the appropriate answer

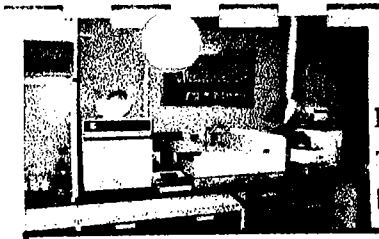
1. Did the samples come in a cooler?	☒ yes	☐ no	☐ NA
2. Were the chain of custody papers filled out correctly and legibly?	☒ yes	☐ no	
3. Did you sign the chain of custody in the appropriate place?	☒ yes	☐ no	
4. Did all the labels agree with the chain of custody and in good condition?	☒ yes	☐ no	
5. Were the correct containers and/or preservatives used for the tests indicated?	☒ yes	☐ no	
6. Was a sufficient amount of sample sent for the tests indicated?	☒ yes	☐ no	
7. Were bubbles absent from aqueous VOC sample containers?	☒ yes	☐ no	☐ NA

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative
3816. 01	<2	H_2SO_4	3816. 15	<2	H_2SO_4
02			16		
03			17		
04			18		
05			19		
06					
07					
08					
09					
10					
11					
12					
13					
14	"	"			

Comments:

5
19
24
76



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: 2623
( )DERA ( )OMA ( )Other:_____
Project No:
Location: 3rd Qtr Streams
Samplers Name / Company: CPM / LD TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3	PO_4, SO_4, NO_3	Total Coli.	Temp °C	pH	Diss O_2	Salinity %	Comments: HCL / HNO_3 / 4°C Remarks / Preservation Method
3816.15	SS 3	8-19-98	1405	AQ	5	✓	✓	✓	✓	30.5	6.90	2.88	1.00	0%
.16	14		1420		5	✓	✓	✓	✓	26.9	6.99	3.65	1.00	0%
.17	13		1430		5	✓	✓	✓	✓	26.5	6.95	4.35	1.0	0%
.18	Field Blank		1435		5	✓	✓	✓	✓	26.3	6.95	4.33	1.0	0% 8/19/98 ND
.19	Dupe		—		5	✓	✓	✓	✓	26.3	6.95	4.33	1.0	0%
.20	Trip				2	✓								

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
CPM/LB	8/19/98 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

print legibly

coc.XLS8/12/98

SAMPLE RECEIPT FORM

Date Received: 8-19-98 Lab Project ID#: 3816

Site/Project Name: 3RD Quart. Stream Cooler Temp (deg. C): 0.3°

Received By: J. Vasquez Sign: J. Vasquez
(print name)

Check the appropriate answer

1. Did the samples come in a cooler?	☑ yes	☐ no	☐ NA
2. Were the chain of custody papers filled out correctly and legibly?	☑ yes	☐ no	
3. Did you sign the chain of custody in the appropriate place?	☑ yes	☐ no	
4. Did all the labels agree with the chain of custody and in good condition?	☑ yes	☐ no	
5. Were the correct containers and/or preservatives used for the tests indicated?	☑ yes	☐ no	
6. Was a sufficient amount of sample sent for the tests indicated?	☑ yes	☐ no	
7. Were bubbles absent from aqueous VOC sample containers?	☑ yes	☐ no	☐ NA

Fill out the following table for each sample bottle

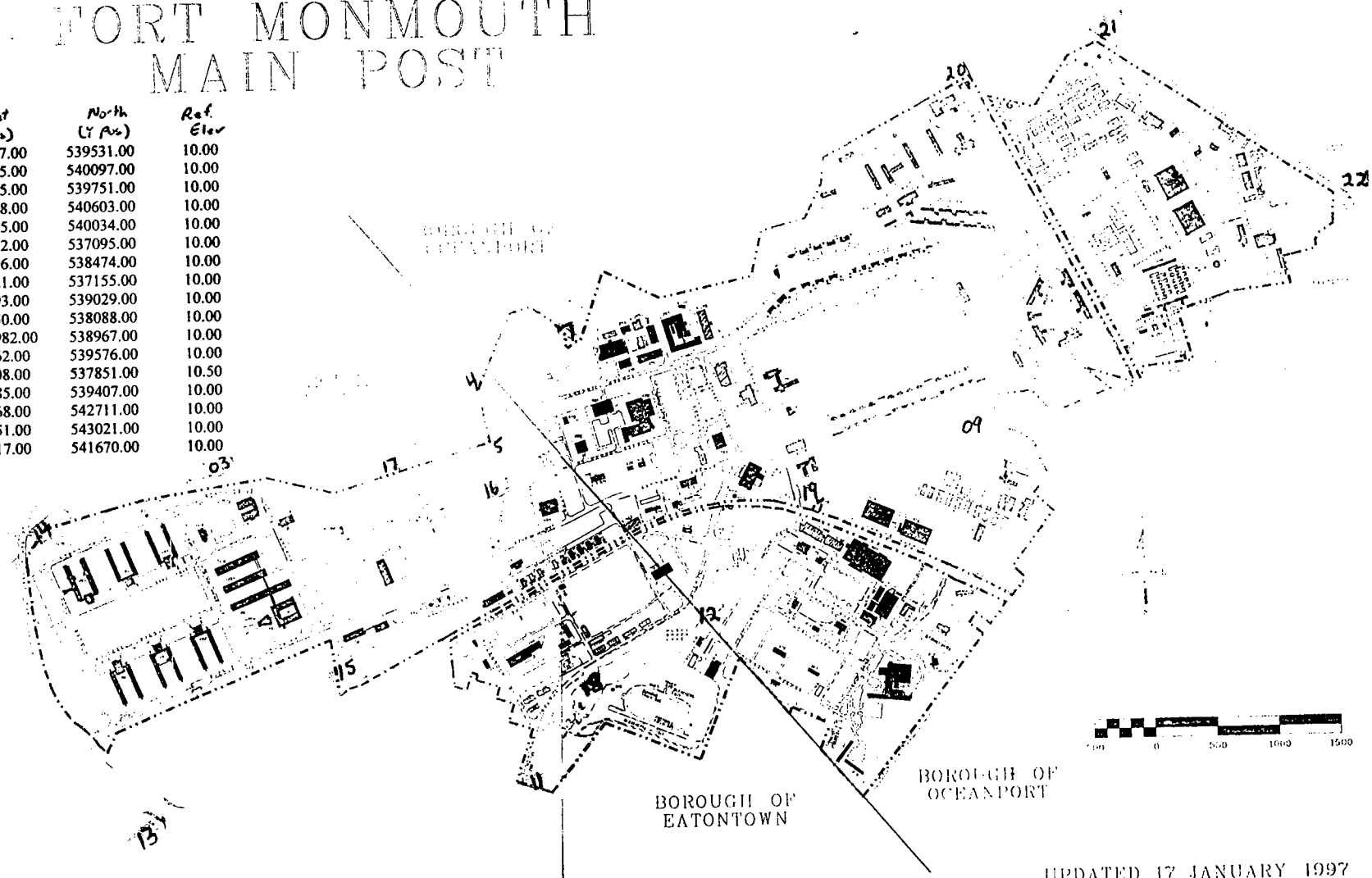
Sample ID	pH	Preservative	Sample ID	pH	Preservative
3816.01	<2	HCl	3816.15	<2	HCl
02			16		
03			17		
04			18		
05			19		
06			20	"	"
07					
08					
09					
10					
11					
12					
13					
14	"	"			

Comments: _____

F0201.d0c

FORT MONMOUTH
MAIN POST

Stream #	East (X Axis)	North (Y Axis)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00



UPDATED 17 JANUARY 1997

CASE NARRATIVE

Site: 3rd Quarter Streams
Lab ID: 3816

The duplicate analysis was performed on SS-13 (3816.17).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01275.d**
Operator **Skelton**
Date Acquired **21 Aug 1998 10:14 am**

Sample Name **VBLK37**
Field ID **VBLK37**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **VB01340.D**
Operator **Skelton**
Date Acquired **27 Aug 1998 11:40 am**

Sample Name **VBLK40**
Field ID **VBLK40**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01372.d**
Operator **Skelton**
Date Acquired **31 Aug 1998 5:20 pm**

Sample Name **VBLK41**
Field ID **VBLK41**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01292.d**	Sample Name	**3816.01**
Operator	**Skelton**	Field ID	**SS22**
Date Acquired	**21 Aug 1998 11:38 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	13.43	742251	4.50 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01293.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 12:23 am**

Sample Name **3816.02**
Field ID **SS21**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	13.43	752664	4.71 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01294.d**	Sample Name	**3816.03**
Operator	**Skelton**	Field ID	**SS20**
Date Acquired	**22 Aug 1998 1:09 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	13.42	746532	4.85 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01295.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 1:54 am**

Sample Name **3816.04**
Field ID **SS09**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	119754	1.69 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01296.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 2:40 am**

Sample Name **3816.05**
Field ID **SS19**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	206935	2.95 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01297.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 3:25 am**

Sample Name **3816.06**
Field ID **SS12**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	319132	4.58 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01298.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 4:10 am**

Sample Name **3816.07**
Field ID **SS18**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	322371	4.65 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **VB01299.D**
Operator **Skelton**
Date Acquired **22 Aug 1998 4:55 am**

Sample Name **3816.08**
Field ID **SS11**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	811374	11.73 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01300.d**	Sample Name	**3816.09**
Operator	**Skelton**	Field ID	**SS15**
Date Acquired	**22 Aug 1998 5:41 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	263541	3.89 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.69	128922	2.06 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	369772	5.39 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01301.d**
Operator **Skelton**
Date Acquired **22 Aug 1998 6:26 am**

Sample Name **3816.10**
Field ID **SS16**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	199755	2.94 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.68	101130	1.63 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	296424	4.33 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01341.d**	Sample Name	**3816.11**
Operator	**Skelton**	Field ID	**SS 5**
Date Acquired	**27 Aug 1998 1:20 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	152046	2.28 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.68	75058	1.27 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	208975	3.39 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01342.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 2:07 pm**

Sample Name **3816.12**
Field ID **SS 4**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.19	123499	1.92 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.68	63407	1.10 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	169314	2.85 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	VB01373.D	Sample Name	3816.13
Operator	Skelton	Field ID	SS7
Date Acquired	31 Aug 1998 6:06 pm	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01344.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 4:16 pm**

Sample Name **3816.14**
Field ID **SS 17**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01345.d**	Sample Name	**3816.15**
Operator	**Skelton**	Field ID	**SS 3**
Date Acquired	**27 Aug 1998 5:05 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01346.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 5:55 pm**

Sample Name **3816.16**
Field ID **SS 14**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01347.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 6:43 pm**

Sample Name **3816.17**
Field ID **SS 13**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01348.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 7:32 pm**

Sample Name **3816.18**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	17.68	118569	1.66 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb01349.d**	Sample Name	**3816.19**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**27 Aug 1998 8:20 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb01350.d**
Operator **Skelton**
Date Acquired **27 Aug 1998 9:07 pm**

Sample Name **3816.20**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform	17.68	112191	1.64 ug/L	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropen			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

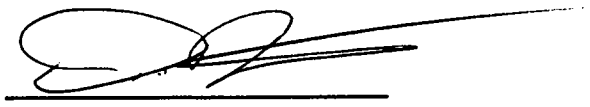
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Stream Water Analysis
August 1998

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
3816.01	08/19/98	22	6.52	0.310	ND	0.02	1750	2.61	1060	40	26
3816.02	08/19/98	21	6.67	0.200	0.4	0.01	1600	3.65	1160	45	24
3816.03	08/19/98	20	6.81	0.214	ND	0.04	1500	2.91	1100	140	23
3816.04	08/19/98	09	6.83	0.384	ND	2.62	70	3.32	2560	640	3
3816.05	08/19/98	19	6.72	0.407	0.2	0.12	21	2.54	2180	180	0
3816.06	08/19/98	12	6.80	0.275	0.9	0.46	19	3.51	2980	340	0
3816.07	08/19/98	18	6.92	0.122	1.1	1.35	18	4.46	3180	280	0
3816.08	08/19/98	11	6.93	ND	1.7	6.25	19	4.18	3000	740	0
3816.09	08/19/98	15	6.84	0.268	0.6	5.60	24	3.61	1960	300	0
3816.10	08/19/98	16	6.81	0.354	0.1	2.33	65	3.12	1640	320	0
3816.11	08/19/98	05	6.83	0.468	ND	2.28	125	3.27	3840	620	0
3816.12	08/19/98	04	6.86	0.474	ND	0.01	145	3.12	3760	720	0
3816.13	08/19/98	07	6.80	0.578	ND	0.06	280	3.01	8300	700	4
3816.14	08/19/98	17	6.91	0.614	ND	1.54	45	3.37	>20000	420	1
3816.15	08/19/98	03	6.90	0.435	ND	1.38	55	2.88	>20000	1020	0
3816.16	08/19/98	14	6.99	ND	ND	0.27	24	3.65	11300	260	0
3816.17	08/19/98	13	6.95	0.246	ND	0.02	22	4.35	>20000	360	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:09/08/98
Reviewed: 09/08/98



Daniel K. Wright

Laboratory Director

	Lab	Methylene Chloride
Units:	-	ug/l
NJDEP Criteria:	-	2
04/08/97	FMETL	2.00
07/17/97	FMETL	ND
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	ND

SOURCE: 3

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

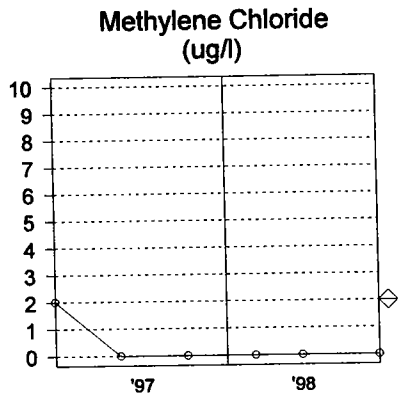
Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 3

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85

SOURCE: 4

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

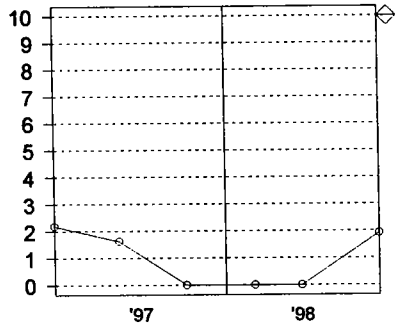
GW Monitoring
Streams

Well 2 of 17

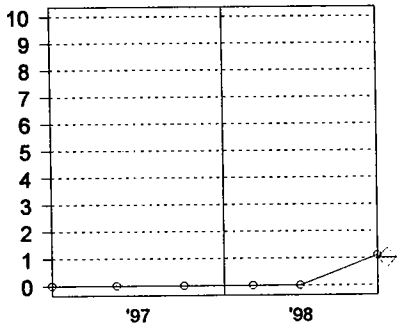
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

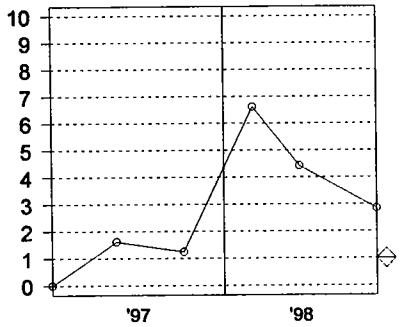
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 4

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2	10	1	1
04/08/97	FMETL	1.96	1.80	ND	2.28
07/17/97	FMETL	ND	3.66	ND	3.54
10/30/97	FMETL	ND	1.83	ND	1.70
02/10/98	FMETL	ND	ND	ND	6.34
04/21/98	FMETL	ND	ND	ND	4.48
08/19/98	FMETL	ND	2.28	1.27	3.39

SOURCE: 5

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

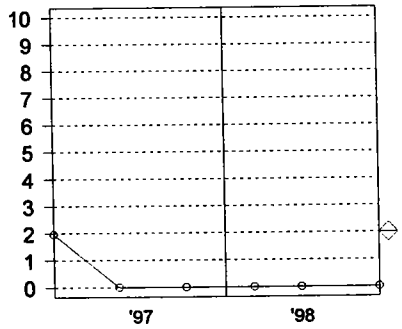
GW Monitoring
Streams

Well 3 of 17

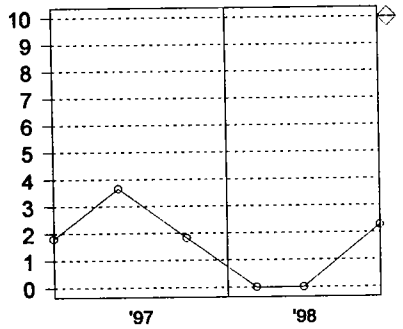
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

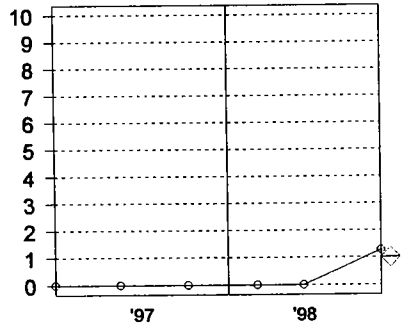
Methylene Chloride (ug/l)



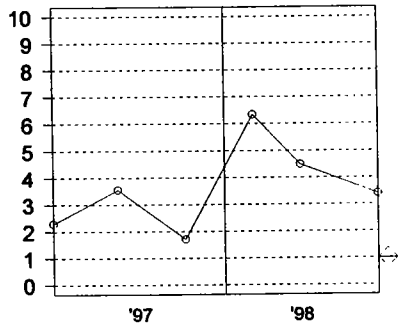
cis-1,2-Dichloroethene (ug/l)



Trichloroethene (ug/l)



Tetrachloroethene (ug/l)



SOURCE: 5

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	ND	ND
07/17/97	FMETL	1.14	1.08
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	2.04
04/21/98	FMETL	ND	2.40
08/19/98	FMETL	ND	ND

SOURCE: 7

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

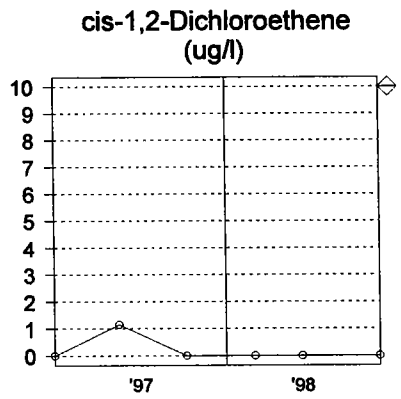
Fort Monmouth

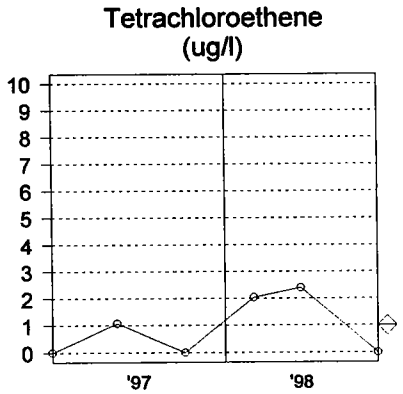
GW Monitoring
Streams

Well 4 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 7

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	10
04/08/97	FMETL	1.82	2.78
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	2.14
02/10/98	FMETL	ND	6.00
04/21/98	FMETL	ND	4.73
08/19/98	FMETL	ND	1.69

SOURCE: 9

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

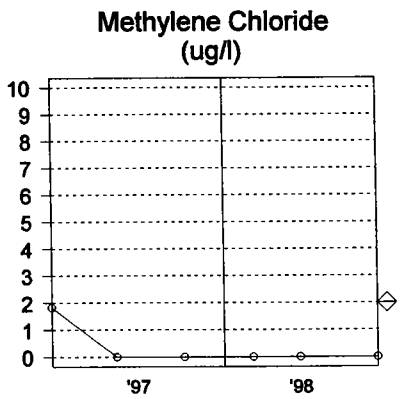
Fort Monmouth

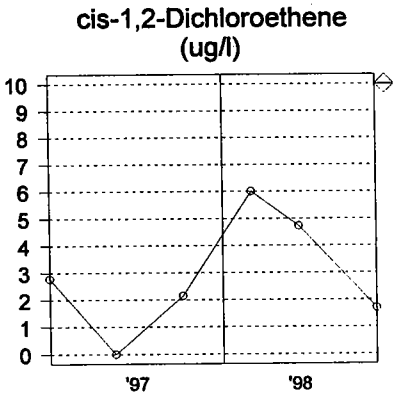
GW Monitoring
Streams

Well 5 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\stream~1\gw\streams.wsf





SOURCE: 9

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

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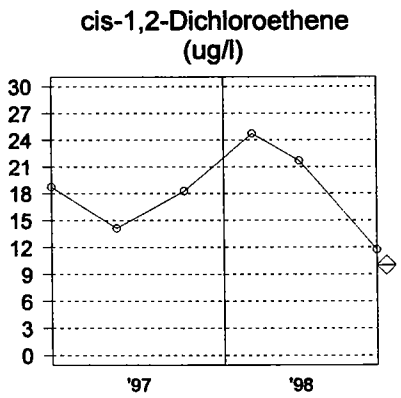
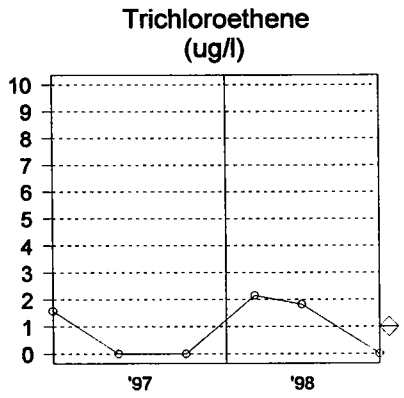
GW Monitoring
Streams

Well 6 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 11

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.63
07/17/97	FMETL	ND
10/30/97	FMETL	5.67
02/10/98	FMETL	6.54
04/21/98	FMETL	ND
08/19/98	FMETL	4.58

SOURCE: 12

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

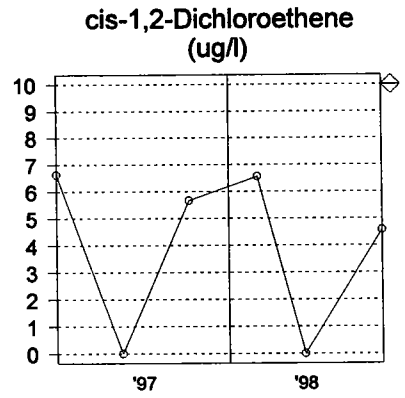
Fort Monmouth

GW Monitoring
Streams

Well 7 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\stream\gw\streams.wsf



SOURCE: 12

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	700
04/08/97	FMETL	1.91	2.81
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

GW Monitoring
Streams

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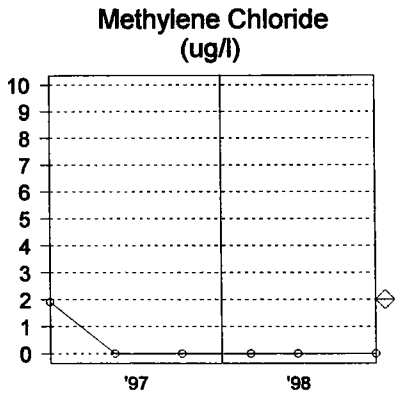
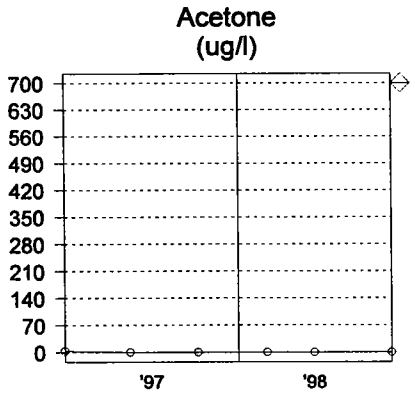
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\stre[illegible]qw\streams.wsf





SOURCE: 13

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

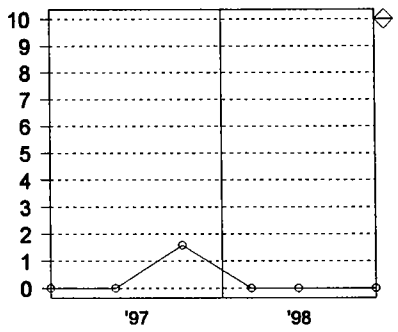
Fort Monmouth

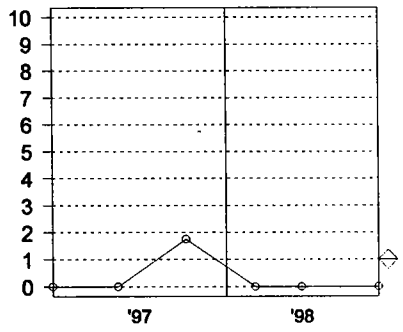
GW Monitoring
Streams

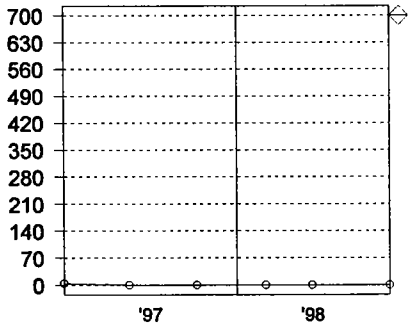
Well 9 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 14

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39

SOURCE: 15

Sampling Dates:
04/08/97 - 08/19/98

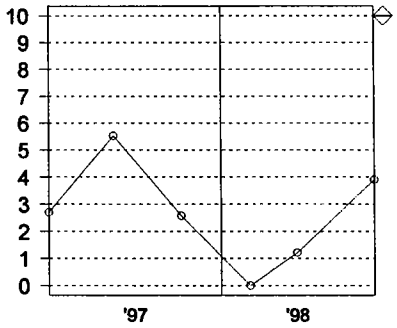
NOTES:

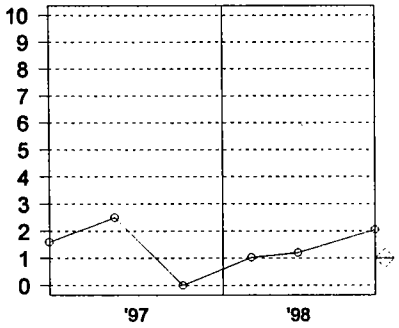
Fort Monmouth

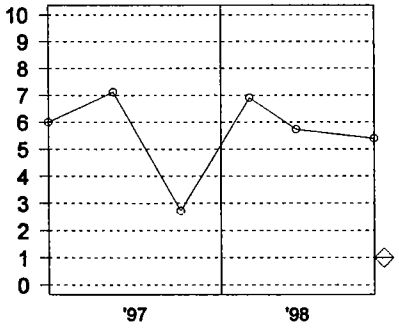
GW Monitoring
Streams

Well 10 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 15

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33

SOURCE: 16

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

GW Monitoring
Streams

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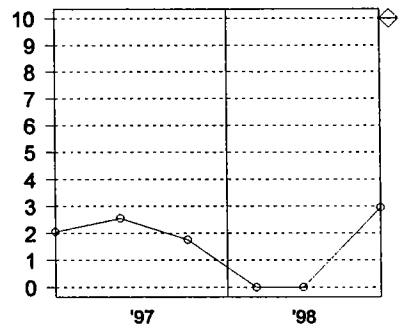
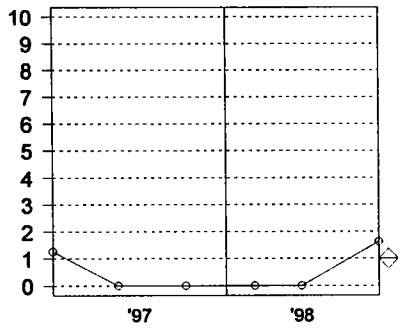
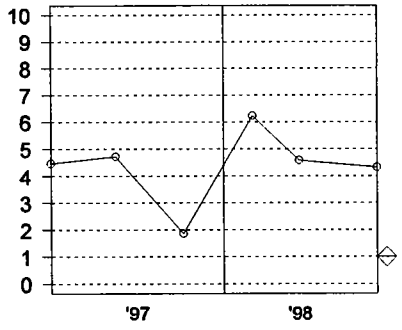
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\stre[illegible]w\streams.wsf







SOURCE: 16

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone	Chloro benzene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	4
04/08/97	FMETL	1.97	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	1.59
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

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Streams

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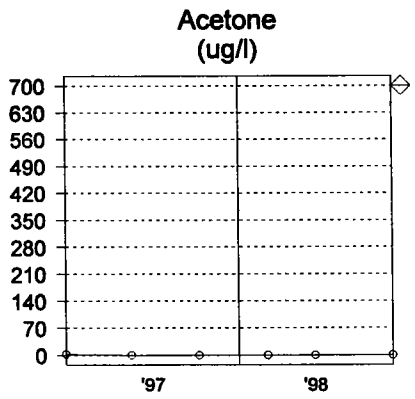
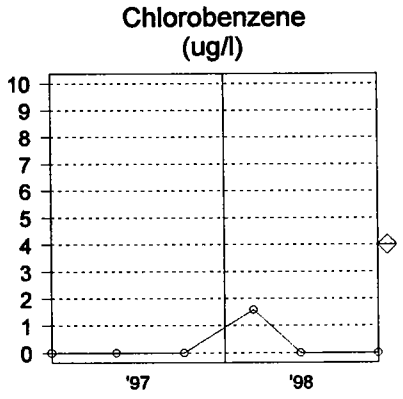
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\str[illegible]w\streams.wsf





SOURCE: 17

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

○ = Date Sampled

◇ NJDEP Criteria

Fort Monmouth

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Streams

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U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65

SOURCE: 18

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

Fort Monmouth

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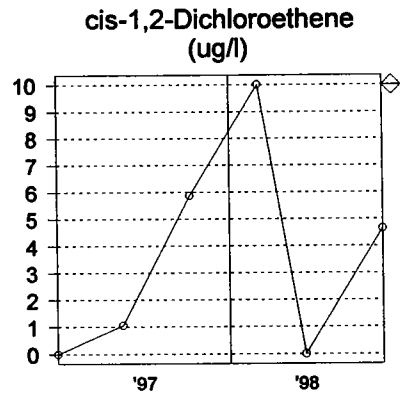
Well 13 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\str...\gw\streams.wsf



SOURCE: 18

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95

SOURCE: 19

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

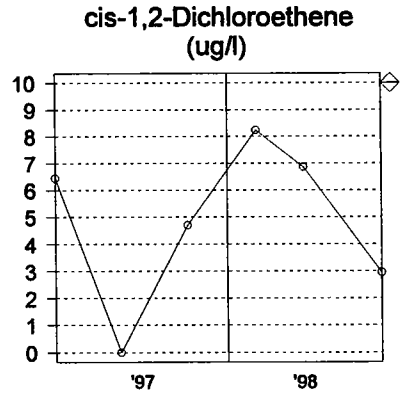
Fort Monmouth

GW Monitoring
Streams

Well 14 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\strea streams.wsf



SOURCE: 19

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	NLE
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85

SOURCE: 20

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

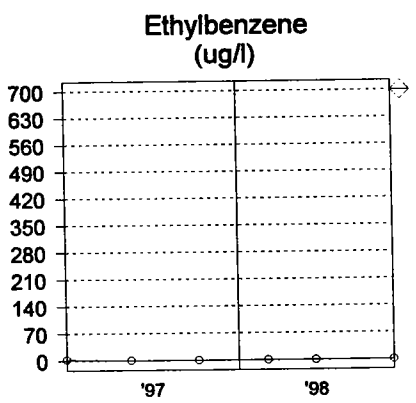
Fort Monmouth

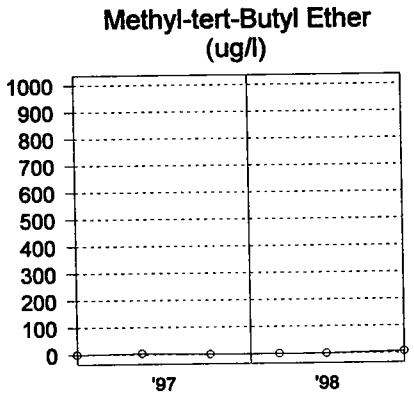
GW Monitoring
Streams

Well 15 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\stre[illegible]nw\streams.wsf





SOURCE: 20

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	2.90
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.71

SOURCE: 21

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

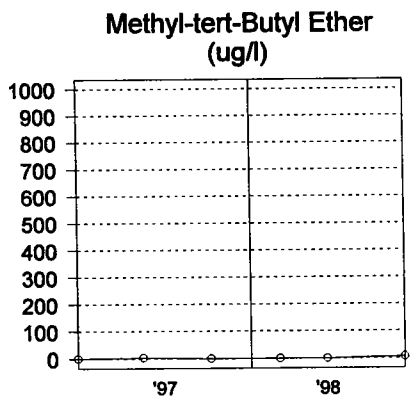
Fort Monmouth

GW Monitoring
Streams

Well 16 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 21

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	4.26
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.50

SOURCE: 22

Sampling Dates:
04/08/97 - 08/19/98

NOTES:

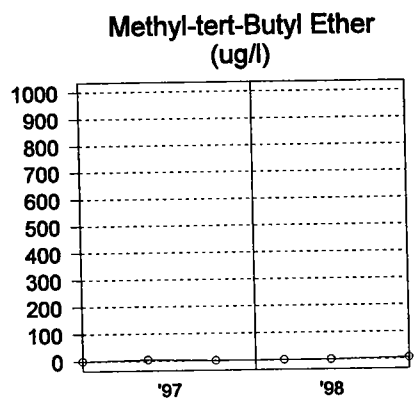
Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 22

Sampling Dates:
04/08/97 - 08/19/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

09-28-1998 c:\mtech46\fm\streams\gw\streams.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/4th Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	4060.03	Aqueous	17-Nov-98 09:30	11/17/98
Stream Site 21	4060.04	Aqueous	17-Nov-98 09:45	11/17/98
Stream Site 20	4060.05	Aqueous	17-Nov-98 10:00	11/17/98
Stream Site 09	4060.06	Aqueous	17-Nov-98 10:15	11/17/98
Stream Site 19	4060.07	Aqueous	17-Nov-98 10:27	11/17/98
Stream Site 07	4060.08	Aqueous	17-Nov-98 10:43	11/17/98
Stream Site 04	4060.09	Aqueous	17-Nov-98 11:01	11/17/98
Stream Site 05	4060.10	Aqueous	17-Nov-98 11:18	11/17/98
Stream Site 12	4069.03	Aqueous	18-Nov-98 09:45	11/18/98
Stream Site 18	4069.04	Aqueous	18-Nov-98 10:00	11/18/98
Stream Site 11	4069.05	Aqueous	18-Nov-98 10:14	11/18/98
Stream Site 16	4069.06	Aqueous	18-Nov-98 10:26	11/18/98
Stream Site 17	4069.07	Aqueous	18-Nov-98 10:57	11/18/98
Stream Site 15	4069.08	Aqueous	18-Nov-98 10:34	11/18/98
Stream Site 03	4069.09	Aqueous	18-Nov-98 11:07	11/18/98
Stream Site 14	4069.10	Aqueous	18-Nov-98 11:18	11/18/98
Stream Site 13	4069.11	Aqueous	18-Nov-98 11:29	11/18/98

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Bhaskar M. Patel
For Daniel Wright 11/30/98
Daniel Wright/Date
Laboratory Director

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Quarterly Streams

4TH Quarter Streams/Day 1

Field Location No. & Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip Blank	4060.01	Aqueous	17-Nov-98 08:30	11/17/98
Field Blank	4060.02	Aqueous	17-Nov-98 09:00	11/17/98
Stream Site #22	4060.03	Aqueous	17-Nov-98 09:30	11/17/98
Stream Site #21	4060.04	Aqueous	17-Nov-98 09:45	11/17/98
Stream Site #20	4060.05	Aqueous	17-Nov-98 10:00	11/17/98
Stream Site #09	4060.06	Aqueous	17-Nov-98 10:15	11/17/98
Stream Site #19	4060.07	Aqueous	17-Nov-98 10:27	11/17/98
Stream Site #07	4060.08	Aqueous	17-Nov-98 10:43	11/17/98
Stream Site #04	4060.09	Aqueous	17-Nov-98 11:01	11/17/98
Stream Site #05	4060.10	Aqueous	17-Nov-98 11:18	11/17/98
Dup.	4060.11	Aqueous	17-Nov-98	11/17/98
Trip Blank	4069.01	Aqueous	18-Nov-98 08:45	11/18/98
Field Blank	4069.02	Aqueous	18-Nov-98 09:00	11/18/98
Stream Site #12	4069.03	Aqueous	18-Nov-98 09:45	11/18/98
Stream Site #18	4069.04	Aqueous	18-Nov-98 10:00	11/18/98
Stream Site #11	4069.05	Aqueous	18-Nov-98 10:14	11/18/98
Stream Site #16	4069.06	Aqueous	18-Nov-98 10:26	11/18/98
Stream Site #17	4069.07	Aqueous	18-Nov-98 10:57	11/18/98
Stream Site #15	4069.08	Aqueous	18-Nov-98 10:34	11/18/98
Stream Site #03	4069.09	Aqueous	18-Nov-98 11:07	11/18/98
Stream Site #14	4069.10	Aqueous	18-Nov-98 11:18	11/18/98
Stream Site #13	4069.11	Aqueous	18-Nov-98 11:29	11/18/98
Dup.	4069.12	Aqueous	18-Nov-98	11/18/98

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB.
VOA+15, WET CHEMISTRY

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-3484
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

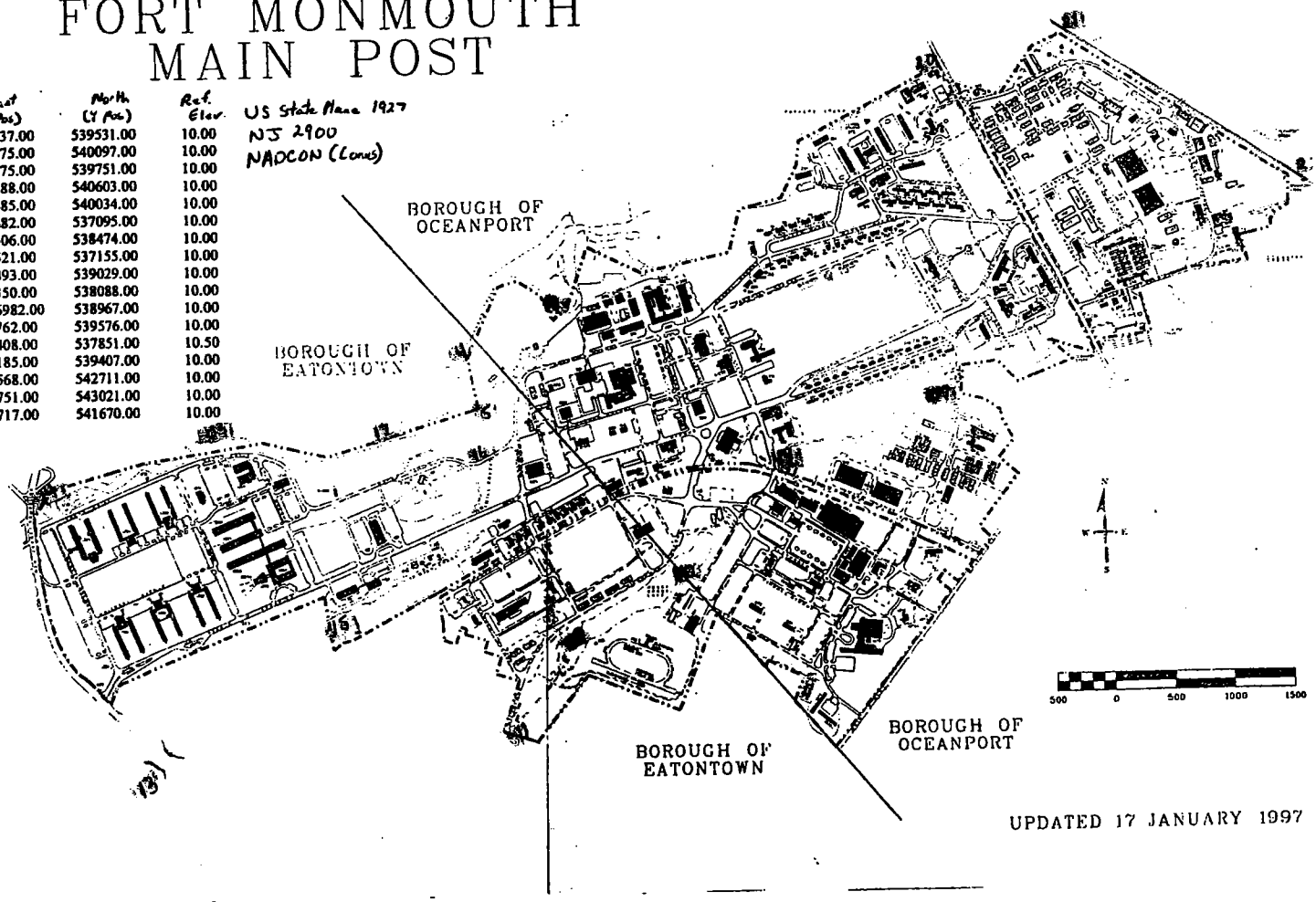
1-5-99

Daniel Wright/Date
Laboratory Director.

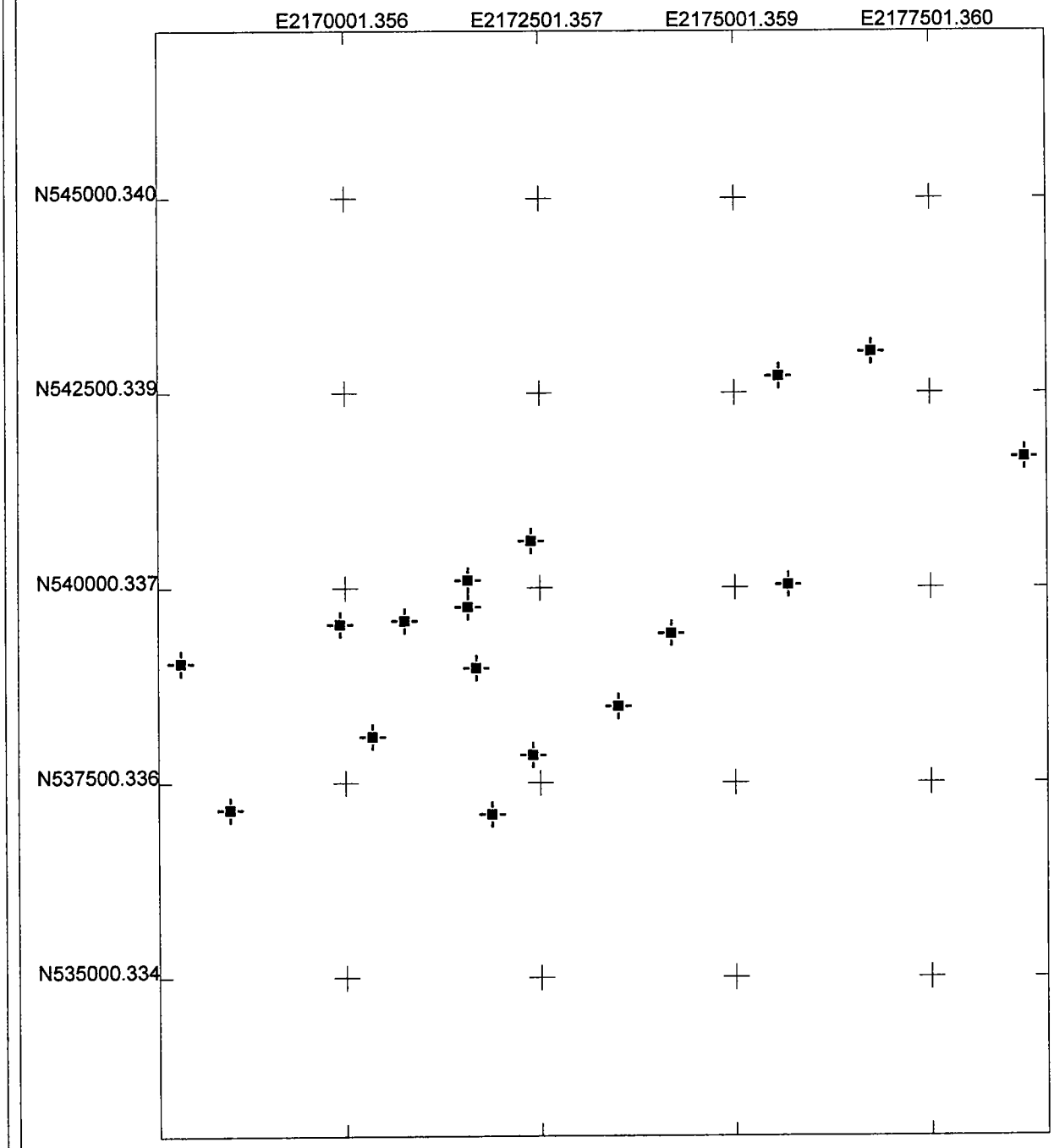
FORT MONMOUTH
MAIN POST

Iron #	East (X Axis)	North (Y Axis)	Ref. Elev.
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
	2172388.00	540603.00	10.00
	2175685.00	540034.00	10.00
	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00

US State Plane 1927
NJ 2900
NADCON (Conus)



UPDATED 17 JANUARY 1997



Ft. Monmouth Stream Sites

US State Plane 1927
New Jersey 2900
NADCON (Conus)

N

Scale 1:25000
0 3000
Feet

waypoint streams combo.ss
12/29/1998
Pathfinder Office
Trimble

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: x26223
(✓)DERA ( )OMA ( )Other:_____

Project No:
Location: 4th Qtr Streams Day 1

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3 / NO_3	PO_4 / SO_4	Total Coliform	°C Temp	pH	D.O. O_2	Salinity	Comments: Remarks / Preservation Method
40480 .01	Trip Blank	11/17/98	0830	AQ	2	✓								HCL/HNO_3/H_2SO_4/4°C
.02	Field Blank		0900		4 5 cpm	✓	✓	✓	X Negative no dark cpm	—	—	—	—	Outgoing Tide cpm
.03	Stream site #22		0930		5	✓	✓	✓	✓	11.1°C	8.04	8.45	1.018 26‰	
.04	#21		0945		5	✓	✓	✓	✓	11.3°C	8.21	8.24	1.019 27‰	
.05	#20		1000		5	✓	✓	✓	✓	11.4°C	8.27	8.87	1.019 27‰	
.06	#09		1015		5	✓	✓	✓	✓	11.2°C	7.16	8.80	1.009 6‰	could not read gauge for light cpm
.07	#19		1027		5	✓	✓	✓	✓	11.1°C	7.23	8.99	1.002 2‰	
.08	#07		1043		5	✓	✓	✓	✓	11.3°C	7.64	8.06	1.014 19‰	Could not read gauge for light cpm
.09	#04		1101		5	✓	✓	✓	✓	11.4°C	7.15	8.92	1.007 10‰	
.10	#05		1118		5	✓	✓	✓	✓	11.0°C	7.20	8.90	1.004 7‰	
.11	Dupe		—		5	✓	✓	✓	✓	—	—	—	—	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/17/98 1140				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

coc.XLS11/16/98

SAMPLE RECEIPT FORM

Date Received: 11-7-98 Day 1 Lab Project ID#: 4060

Site/Project Name: 411 8th & B Street Cooler Temp (deg. C): 0.0c

Received By: J. Verquer Sign: J. Verquer
(print name)

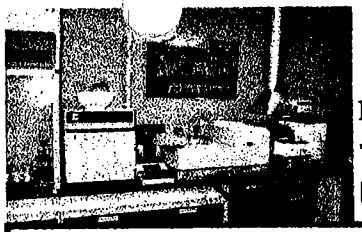
Check the appropriate answer

1. Did the samples come in a cooler?	☒ yes	☐ no	☐ NA
2. Were the chain of custody papers filled out correctly and legibly?	☒ yes	☐ no	
3. Did you sign the chain of custody in the appropriate place?	☒ yes	☐ no	
4. Did all the labels agree with the chain of custody and in good condition?	☒ yes	☐ no	
5. Were the correct containers and/or preservatives used for the tests indicated?	☒ yes	☐ no	
6. Was a sufficient amount of sample sent for the tests indicated?	☒ yes	☐ no	
7. Were bubbles absent from aqueous VOC sample containers?	☒ yes	☐ no	☐ NA

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative
4060.01	<2	HCl	4060.02	<2	H_2SO_4
02			03		
03			04		
04			05		
05			06		
06			07		
07			08		
08			09		
09			10		
10			11		
11					

Comments: _____



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: x 26223
(x)DERA ( )OMA ( )Other:_____
Project No:
Location: 4th Qrtr Streams Day 2
Samplers Name / Company : Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3 / NO_3	PO_4 / SO_4	Total Coliform	°C Temp	pH	Diss O_2	Salinity	Comments: Remarks / Preservation Method
41069 .01	Trip	11/18/98	0845	AQ	2	✓								HCL/H_2SO_4/4°C
.02	Field Blank		0900		4 Sent	✓	✓	✓	X	—	—	—	—	Outgoing Tide
.03	Stream Site #12		0945		5	✓	✓	✓	✓	11.3	7.22	9.07	1.001 1%	
.04	#18		1000		5	✓	✓	✓	✓	11.2	7.25	8.68	1.001 1%	
.05	#11		1014		5	✓	✓	✓	✓	11.2	7.41	9.46	1.001 1%	
.06	#16		1026		5	✓	✓	✓	✓	10.9	7.26	9.35	1.001 1%	
.07	#17		~~1034~~ 1057		5	✓	✓	✓	✓	10.9	7.31	8.96	1.001 1%	
.08	#15		1039		5	✓	✓	✓	✓	10.9	7.30	10.10	1.001 1%	
.09	#03		1107		5	✓	✓	✓	✓	11.2	7.58	9.76	1.001 5%	Lots of Algae
.10	#14		1118		5	✓	✓	✓	✓	10.9	7.43	9.01	1.002 2%	Lots of particulate
.11	#13	↓	1129		5	✓	✓	✓	✓	10.9	7.36	9.11	1.002 2%	
.12	Dupe	↓	—	↓	5	✓	✓	✓	✓	—	—	—	—	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	11/18/98 1200	J. Vellano			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (✓)Standard, (_)Screen / non-certified
Turnaround time: (✓)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

coc.XLS11/16/98

SAMPLE RECEIPT FORM

Date Received: 11-18-98 Lab Project ID#: 4069

Site/Project Name: 4th Quart-Storm Cooler Temp (deg. C): 1.0c

Received By: J. Vergara Sign: J. Vergara
(print name)

Check the appropriate answer

1. Did the samples come in a cooler?	☑ yes	☐ no	☐ NA
2. Were the chain of custody papers filled out correctly and legibly?	☑ yes	☐ no	
3. Did you sign the chain of custody in the appropriate place?	☑ yes	☐ no	
4. Did all the labels agree with the chain of custody and in good condition?	☑ yes	☐ no	
5. Were the correct containers and/or preservatives used for the tests indicated?	☑ yes	☐ no	
6. Was a sufficient amount of sample sent for the tests indicated?	☑ yes	☐ no	
7. Were bubbles absent from aqueous VOC sample containers?	☑ yes	☐ no	☐ NA

Fill out the following table for each sample bottle

Sample ID	pH	Preservative	Sample ID	pH	Preservative
4069. 01	<2	HCL	4069. 02	<2	H2SO4
02			03		
03			04		
04			05		
05			06		
06			07		
07			08		
08			09		
09			10		
10			11		
11			12		
12					

Comments: _____

CASE NARRATIVE

Site: Streams

Lab ID: 4060/4069

The duplicate taken on 11/17/98 was performed on Stream Site 05 (4060.10).

The duplicate taken on 11/18/98 was performed on Stream Site 13 (4069.11).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02158.d**
Operator **Skelton**
Date Acquired **20 Nov 98 11:54 am**

Sample Name **Vblk65**
Field ID **Vblk65**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk65**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: Vblk65

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02158.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02158.d**
Operator **Skelton**
Date Acquired **20 Nov 98 11:54 am**

Sample Name **Vblk65**
Field ID **Vblk65**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk65**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 4069 SDG No Location Streams

Matrix: (soil/water) WATER Lab Sample ID: Vblk65

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02158.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02196.d**
Operator **Skelton**
Date Acquired **24 Nov 98 2:05 pm**

Sample Name **Vblk66**
Field ID **Vblk66**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk66**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: Vblk66

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02196.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/24/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02165.d**	Sample Name	**4060.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**20 Nov 98 5:39 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 4060 SDG No Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02165.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02178.d**
Operator **Skelton**
Date Acquired **21 Nov 98 3:24 am**

Sample Name **4069.01**
Field ID **Trip Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02178.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02166.d**
Operator **Skelton**
Date Acquired **20 Nov 98 6:25 pm**

Sample Name **4060.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02166.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02179.d**
Operator **Skelton**
Date Acquired **21 Nov 98 4:09 am**

Sample Name **4069.02**
Field ID **Field Blank**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02179.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	vb02186.d	Sample Name	4069.09
Operator	Skelton	Field ID	StreamSite#03
Date Acquired	21 Nov 98 9:20 am	Sample Multiplier	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	47043	1.09 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #03**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 4069 SDG No Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02186.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000066-25-1	Hexanal	26.25	10	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02173.d**	Sample Name	**4060.09**
Operator	**Skelton**	Field ID	**StreamSite#04**
Date Acquired	**20 Nov 98 11:40 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	61332	1.19 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	76555	1.62 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #04**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02173.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02174.d**	Sample Name	**4060.10**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**21 Nov 98 12:25 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	84687	1.67 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	100977	2.17 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #05**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02174.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02172.d**	Sample Name	**4060.08**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**20 Nov 98 10:56 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #07**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02172.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000075-18-3	Dimethyl sulfide	11.58	5	JN

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02170.d**
Operator **Skelton**
Date Acquired **20 Nov 98 9:26 pm**

Sample Name **4060.06**
Field ID **StreamSite#09**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #09**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02170.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02182.d**
Operator **Skelton**
Date Acquired **21 Nov 98 6:22 am**

Sample Name **4069.05**
Field ID **StreamSite#11**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	415498	8.82 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #11**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02182.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02180.d**
Operator **Skelton**
Date Acquired **21 Nov 98 4:54 am**

Sample Name **4069.03**
Field ID **StreamSite#12**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	118891	2.48 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #12**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02180.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02197.d**	Sample Name	**4069.11**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**24 Nov 98 3:05 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #13**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02197.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/24/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02187.d**	Sample Name	**4069.10**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**21 Nov 98 10:05 am**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone	10.56	25972	3.32 ug/L	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #14**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02187.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02185.d**
Operator **Skelton**
Date Acquired **21 Nov 98 8:36 am**

Sample Name **4069.08**
Field ID **StreamSite#15**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #15**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02185.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02183.d**
Operator **Skelton**
Date Acquired **21 Nov 98 7:07 am**

Sample Name **4069.06**
Field ID **StreamSite#16**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	64829	1.48 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #16**

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 4069 SDG No Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02183.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02184.d**
Operator **Skelton**
Date Acquired **21 Nov 98 7:51 am**

Sample Name **4069.07**
Field ID **StreamSite#17**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	207910	4.43 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene	21.68	85578	2.12 ug/L	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.65	220572	5.09 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #17**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02184.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02181.d**
Operator **Skelton**
Date Acquired **21 Nov 98 5:38 am**

Sample Name **4069.04**
Field ID **StreamSite#18**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	152973	3.18 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #18**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02181.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02171.d**	Sample Name	**4060.07**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**20 Nov 98 10:11 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.21	122172	2.30 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #19**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02171.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02169.d**
Operator **Skelton**
Date Acquired **20 Nov 98 8:40 pm**

Sample Name **4060.05**
Field ID **StreamSite#20**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #20**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02169.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02168.d**	Sample Name	**4060.04**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**20 Nov 98 7:54 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Streamsite #21**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02168.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02167.d**
Operator **Skelton**
Date Acquired **20 Nov 98 7:10 pm**

Sample Name **4060.03**
Field ID **StreamSite#22**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET FIELD ID

TENTATIVELY IDENTIFIED COMPOUNDS

Streamsite #22

Lab Name: FMETL Project

NJDEP# 13461 Case No.: 4060 SDG No Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02167.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. Date Analyzed: 11/20/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam **vb02175.d**
Operator **Skelton**
Date Acquired **21 Nov 98 1:10 am**

Sample Name **4060.11**
Field ID **Dupe**
Sample Multiplier **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene	17.20	81422	1.63 ug/L	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene	26.66	104540	2.28 ug/L	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4060 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4060.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02175.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/21/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File Nam	**vb02198.d**	Sample Name	**4069.12**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**24 Nov 98 3:51 pm**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	50	1.85 ug/L	
107131	Acrylonitrile			not detected	50	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethan			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	30	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	5	1.06 ug/L	
74-83-9	Bromomethane			not detected	10	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	2	0.24 ug/L	
67-64-1	Acetone			not detected	700	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	100	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	70	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	300	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	10	0.17 ug/L	
67-66-3	Chloroform			not detected	6	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	30	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	2	0.47 ug/L	
71-43-2	Benzene			not detected	1	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	2	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	1	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	1	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ethe			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	400	0.59 ug/L	
108-88-3	Toluene			not detected	1000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloroprope			not detected	nle	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	3	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	1	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	10	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	4	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	700	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	100	0.56 ug/L	
75-25-2	Bromoform			not detected	4	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethan			not detected	2	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	600	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	75	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	600	0.64 ug/L	

* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL Project _____

NJDEP# 13461 Case No.: 4069 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4069.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02198.D

Level: (low/med) LOW Date Received: 11/12/98

% Moisture: not dec. _____ Date Analyzed: 11/24/98

GC Column: HP5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Stream Water Analysis

November 1998

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4060.03	11/17/98	22	8.04	ND	2.8	0.13	1800	8.45	20	20	26
4060.04	11/17/98	21	8.21	ND	0.3	0.07	1850	8.24	60	<1	27
4060.05	11/17/98	20	8.27	ND	0.5	0.04	1950	8.87	80	<1	27
4060.06	11/17/98	09	7.16	0.343	ND	0.03	305	8.80	1880	240	6
4060.07	11/17/98	19	7.23	0.546	0.7	0.16	24	8.99	2040	20	2
4060.08	11/17/98	07	7.64	ND	ND	0.07	1050	8.06	640	60	19
4060.09	11/17/98	04	7.15	ND	ND	0.04	700	8.92	840	260	10
4060.10	11/17/98	05	7.20	ND	ND	0.03	450	8.90	1060	280	7
4069.03	11/18/98	12	7.22	0.540	3.5	0.04	25	9.07	2240	<1	1
4069.04	11/18/98	18	7.25	0.299	4.6	0.03	29	8.68	1660	1040	1
4069.05	11/18/98	11	7.41	0.101	4.3	0.10	27	9.46	540	120	1
4069.06	11/18/98	16	7.26	0.179	1.4	0.07	620	9.35	940	200	10
4069.07	11/18/98	17	7.31	ND	1.9	0.42	ND	8.96	680	40	11
4069.08	11/18/98	15	7.30	0.125	3.1	0.08	840	10.10	740	220	1
4069.09	11/18/98	03	7.58	ND	2.0	0.31	10	9.76	1840	1960	5
4069.10	11/18/98	14	7.43	ND	1.5	0.09	31	9.01	120	<1	2
4069.11	11/18/98	13	7.36	0.240	1.1	0.05	30	9.11	280	20	2

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:11/19/98
Reviewed:

11/19/98

Daniel K. Wright

Laboratory Director

	Lab	Methylene Chloride	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	1
04/08/97	FMETL	2.00	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	1.09

SOURCE: 3

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

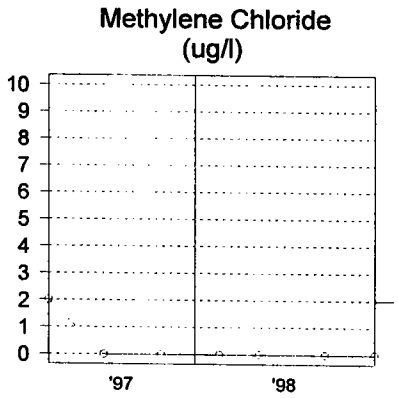
Fort Monmouth

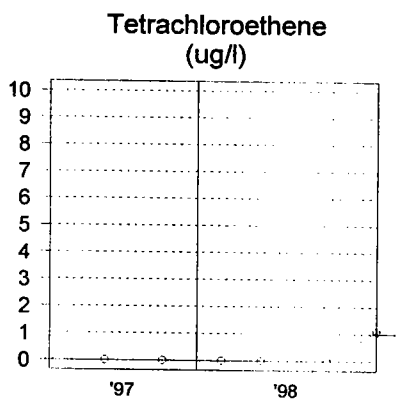
GW Monitoring
Streams

Well 1 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\strea streams.wsf





SOURCE: 3

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85
11/17/98	FMETL	1.19	ND	1.62

SOURCE: 4

Sampling Dates:
04/08/97 - 11/17/98

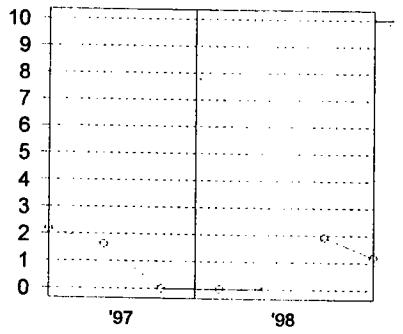
NOTES:

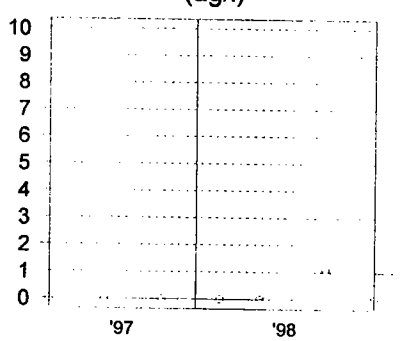
Fort Monmouth

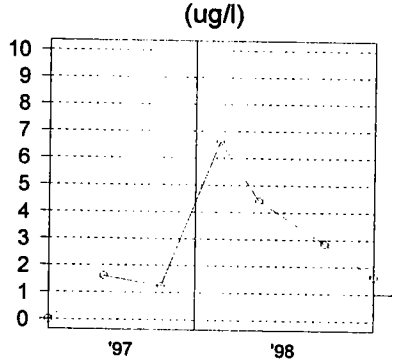
GW Monitoring
Streams

Well 2 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 4

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2	10	1	1
04/08/97	FMETL	1.96	1.80	ND	2.28
07/17/97	FMETL	ND	3.66	ND	3.54
10/30/97	FMETL	ND	1.83	ND	1.70
02/10/98	FMETL	ND	ND	ND	6.34
04/21/98	FMETL	ND	ND	ND	4.48
08/19/98	FMETL	ND	2.28	1.27	3.39
11/17/98	FMETL	ND	1.67	ND	2.17

SOURCE: 5

Sampling Dates:
04/08/97 - 11/17/98

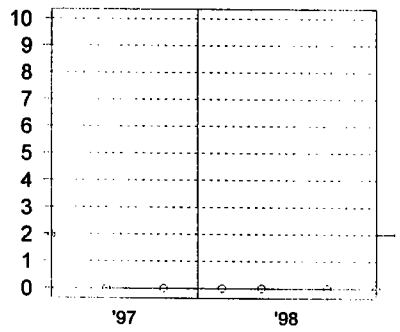
NOTES:

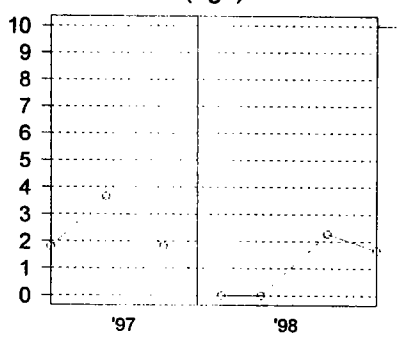
Fort Monmouth

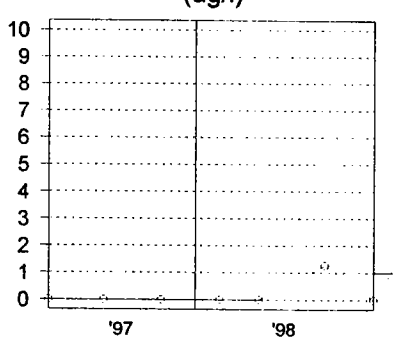
GW Monitoring
Streams

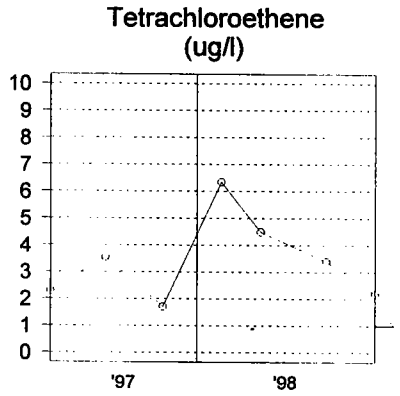
Well 3 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV









SOURCE: 5

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

.. = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	ND	ND
07/17/97	FMETL	1.14	1.08
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	2.04
04/21/98	FMETL	ND	2.40
08/19/98	FMETL	ND	ND
11/17/98	FMETL	ND	ND

SOURCE: 7

Sampling Dates:
04/08/97 - 11/17/98

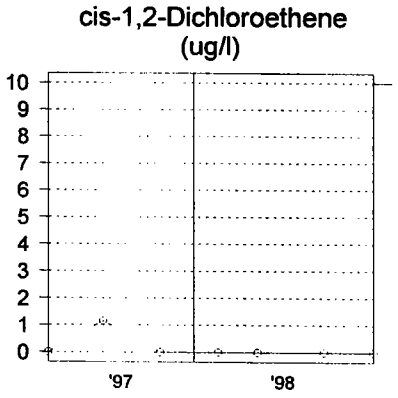
NOTES:

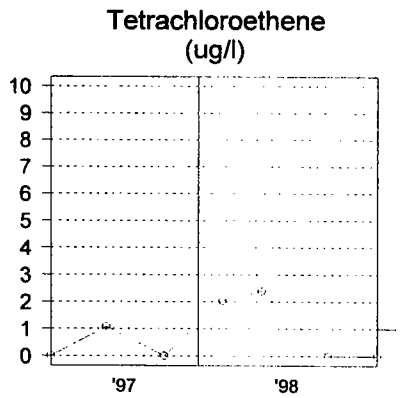
Fort Monmouth

GW Monitoring
Streams

Well 4 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 7

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	10
04/08/97	FMETL	1.82	2.78
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	2.14
02/10/98	FMETL	ND	6.00
04/21/98	FMETL	ND	4.73
08/19/98	FMETL	ND	1.69
11/17/98	FMETL	ND	ND

SOURCE: 9

Sampling Dates:
04/08/97 - 11/17/98

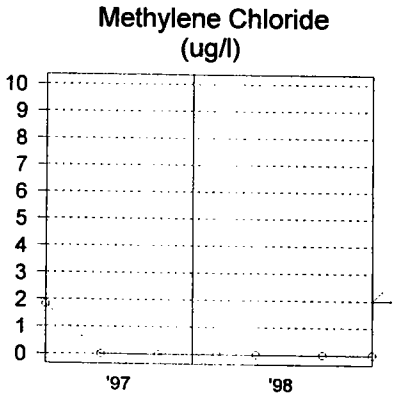
NOTES:

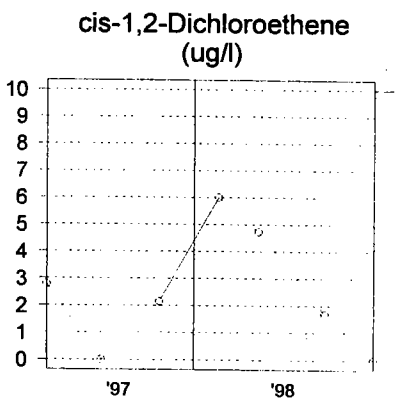
Fort Monmouth

GW Monitoring
Streams

Well 5 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 9

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND
11/18/98	FMETL	8.82	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 11/18/98

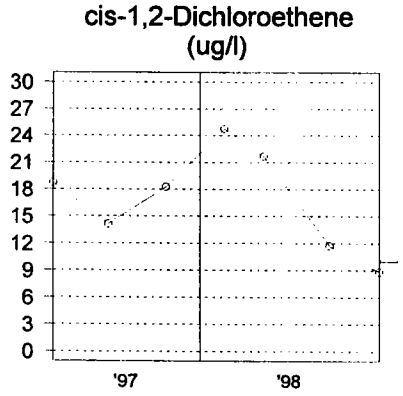
NOTES:

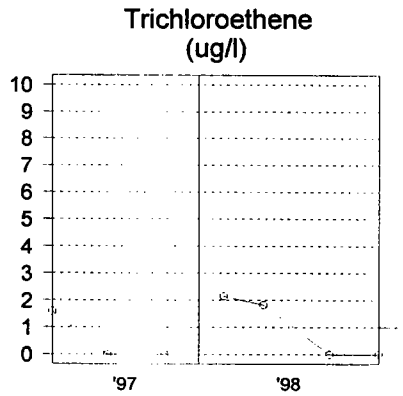
Fort Monmouth

GW Monitoring
Streams

Well 6 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 11

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-16-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.63
07/17/97	FMETL	ND
10/30/97	FMETL	5.67
02/10/98	FMETL	6.54
04/21/98	FMETL	ND
08/19/98	FMETL	4.58
11/18/98	FMETL	2.48

SOURCE: 12

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

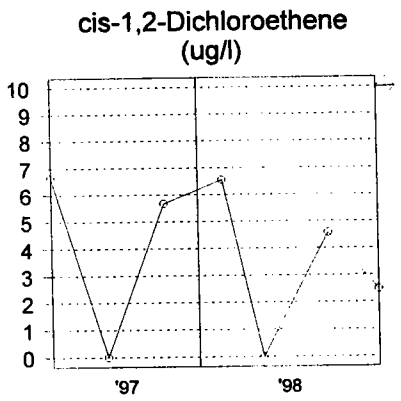
Fort Monmouth

GW Monitoring
Streams

Well 7 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 12

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	700
04/08/97	FMETL	1.91	2.81
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 11/18/98

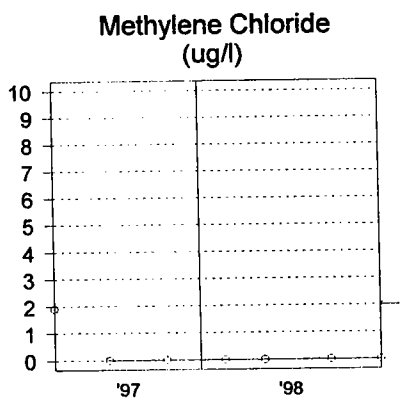
NOTES:

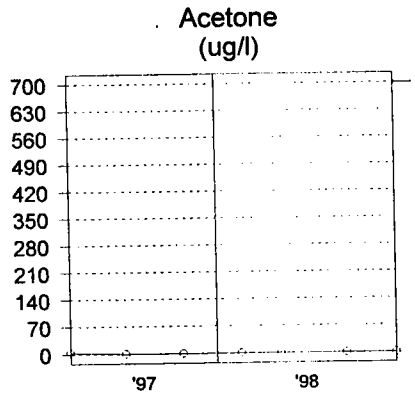
Fort Monmouth

GW Monitoring
Streams

Well 8 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 13

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	3.32

SOURCE: 14

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

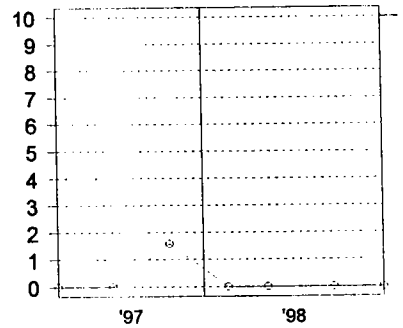
Fort Monmouth

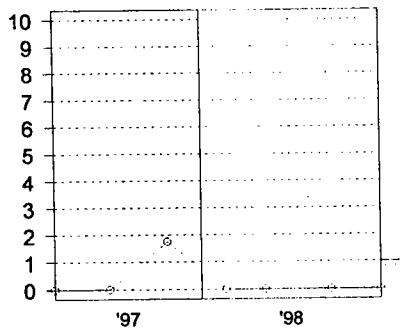
GW Monitoring
Streams

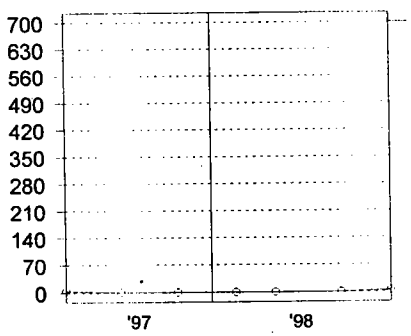
Well 9 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 14

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39
11/18/98	FMETL	ND	ND	ND

SOURCE: 15

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

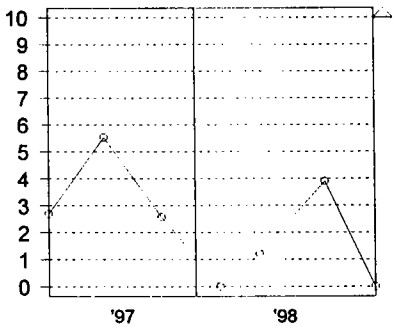
Fort Monmouth

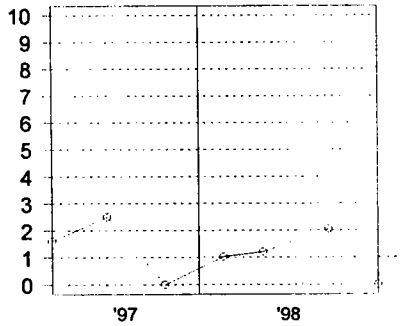
GW Monitoring
Streams

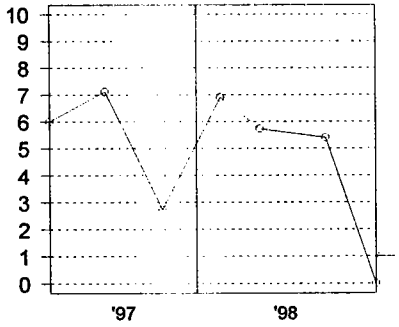
Well 10 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 15

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33
11/18/98	FMETL	ND	ND	1.48

SOURCE: 16

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

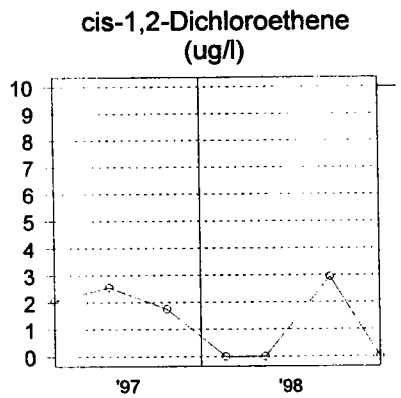
Fort Monmouth

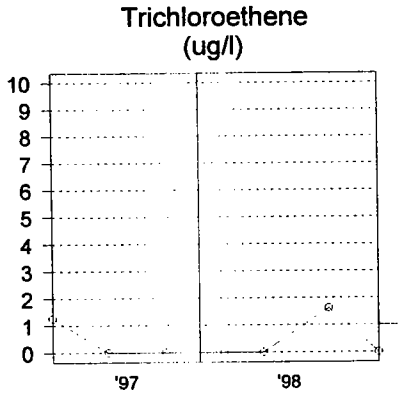
GW Monitoring
Streams

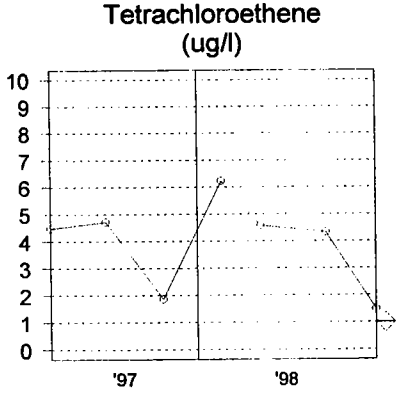
Well 11 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 16

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1	700	4
04/08/97	FMETL	ND	ND	ND	1.97	ND
07/17/97	FMETL	ND	ND	ND	ND	ND
10/30/97	FMETL	ND	ND	ND	ND	ND
02/10/98	FMETL	ND	ND	ND	ND	1.59
04/21/98	FMETL	ND	ND	ND	ND	ND
08/19/98	FMETL	ND	ND	ND	ND	ND
11/18/98	FMETL	4.43	2.12	5.09	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

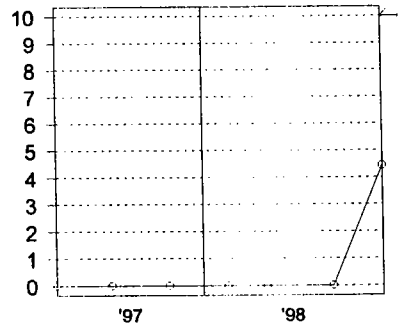
Fort Monmouth

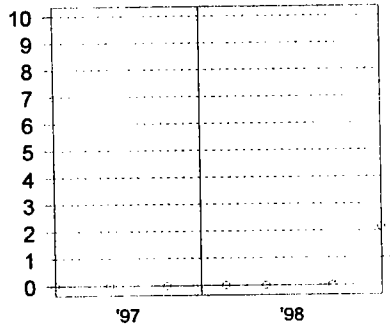
GW Monitoring
Streams

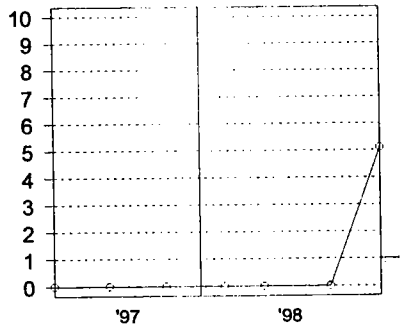
Well 12 of 17

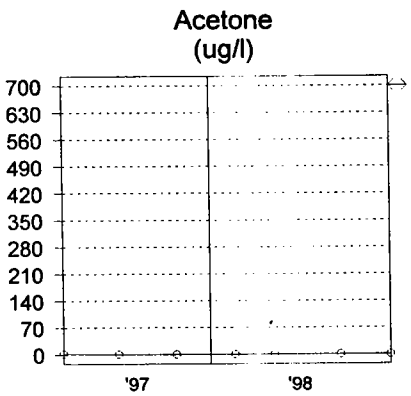
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

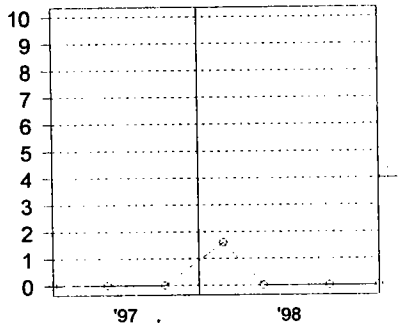
12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf











SOURCE: 17

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65
11/18/98	FMETL	3.18

SOURCE: 18

Sampling Dates:
04/08/97 - 11/18/98

NOTES:

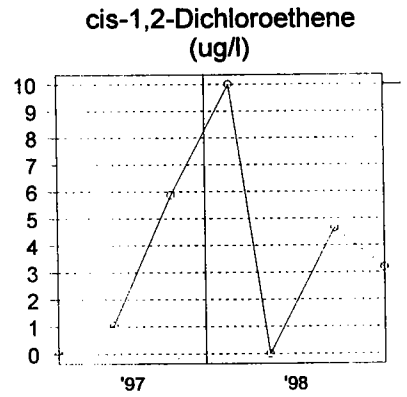
Fort Monmouth

GW Monitoring
Streams

Well 13 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 18

Sampling Dates:
04/08/97 - 11/18/98

LEGEND:

PARAMETER

= Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95
11/17/98	FMETL	2.3

SOURCE: 19

Sampling Dates:
04/08/97 - 11/17/98

NOTES:

Fort Monmouth

GW Monitoring
Streams

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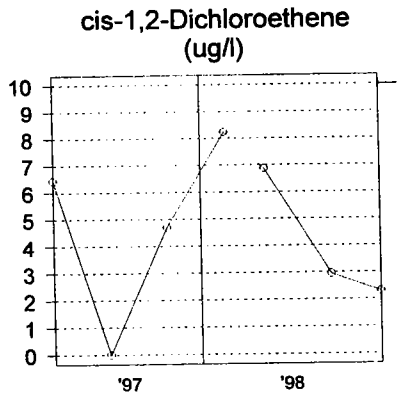
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 19

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	NLE
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85
11/17/98	FMETL	ND	ND

SOURCE: 20

Sampling Dates:
04/08/97 - 11/17/98

NOTES:

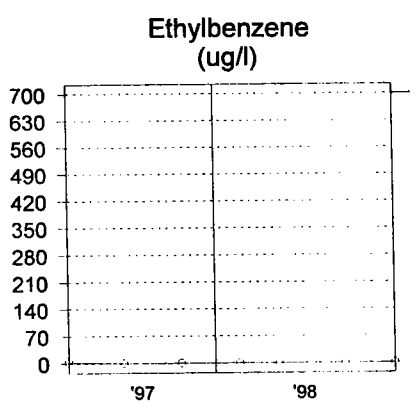
Fort Monmouth

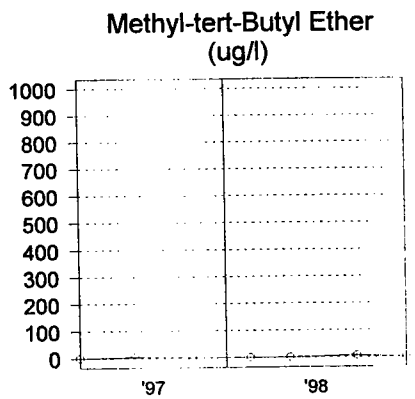
GW Monitoring
Streams

Well 15 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 20

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	2.90
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.71
11/17/98	FMETL	ND

SOURCE: 21

Sampling Dates:
04/08/97 - 11/17/98

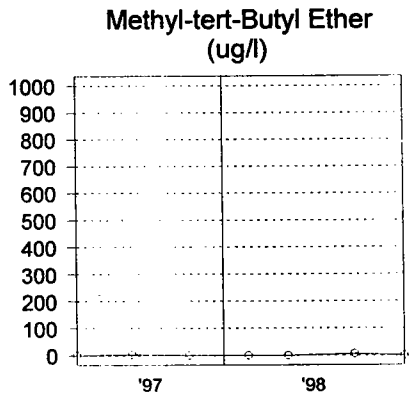
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 21

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

○ = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	4.26
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.50
11/17/98	FMETL	ND

SOURCE: 22

Sampling Dates:
04/08/97 - 11/17/98

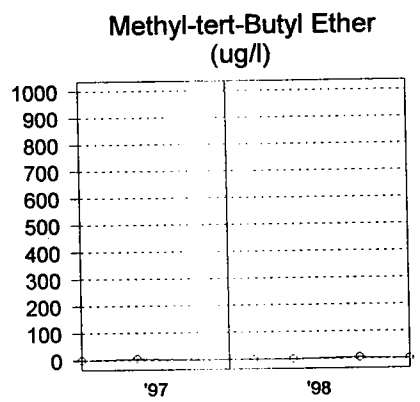
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 22

Sampling Dates:
04/08/97 - 11/17/98

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

12-17-1998 c:\mtech46\fm\streams\gw\streams.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	4300.01	Aqueous	25-Feb-99 08:25	02/25/99
Stream Site 21	4300.02	Aqueous	25-Feb-99 08:40	02/25/99
Stream Site 20	4300.03	Aqueous	25-Feb-99 08:50	02/25/99
Stream Site 09	4300.04	Aqueous	25-Feb-99 09:10	02/25/99
Stream Site 19	4300.05	Aqueous	25-Feb-99 09:20	02/25/99
Stream Site 12	4300.06	Aqueous	25-Feb-99 09:29	02/25/99
Stream Site 18	4300.07	Aqueous	25-Feb-99 09:40	02/25/99
Stream Site 11	4300.08	Aqueous	25-Feb-99 09:50	02/25/99
Stream Site 15	4300.09	Aqueous	25-Feb-99 10:00	02/25/99
Stream Site 16	4300.10	Aqueous	25-Feb-99 10:14	02/25/99
Stream Site 07	4300.11	Aqueous	25-Feb-99 10:28	02/25/99
Stream Site 04	4300.12	Aqueous	25-Feb-99 10:42	02/25/99
Stream Site 05	4300.13	Aqueous	25-Feb-99 10:52	02/25/99
Stream Site 17	4300.14	Aqueous	25-Feb-99 11:03	02/25/99
Stream Site 03	4300.15	Aqueous	25-Feb-99 11:12	02/25/99
Stream Site 14	4300.16	Aqueous	25-Feb-99 11:24	02/25/99
Stream Site 13	4300.17	Aqueous	25-Feb-99 11:35	02/25/99

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

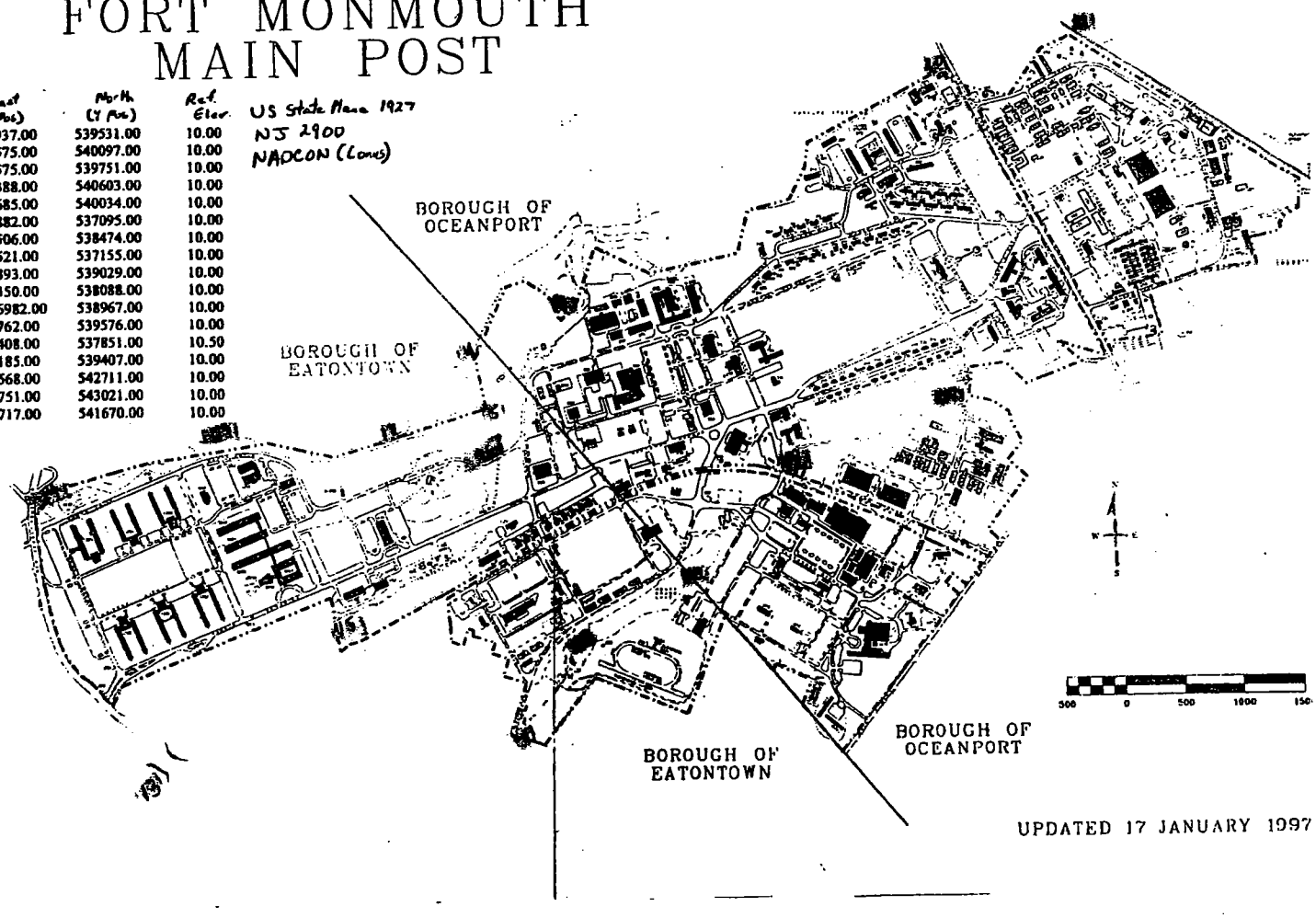
Rhonda M. Pfl
For Daniel Wright 03/15/

Daniel Wright/Date
Laboratory Director

FORT MONMOUTH
MAIN POST

Stream #	East (X Axis)	North (Y Axis)	Ref. Elev.
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
[illegible]	2172388.00	540603.00	10.00
[illegible]	2175685.00	540034.00	10.00
[illegible]	2171882.00	537095.00	10.00
[illegible]	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00

US State Plane 1927
NJ 2900
NADCON (Conus)



UPDATED 17 JANUARY 1997

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #: X 26223
(X)DERA ( )OMA ( )Other:
Project No:
Location: First Quarter Streams
Samplers Name / Company: Scott W. Dan W. TVS

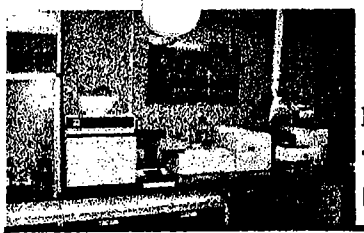
Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp. C°	pH	Diss. O_2	Salinity	VOA	NH_3	PO_4, SO_4, NO_3	Total Coliform	Remarks / Preservation Method
4300 .01	Stream Site #22	2/25/99	0825	Aq	5	2.0	7.88	9.6	16	X	X	X	X	All samples kept <4 C°
.02	#21	2/25/99	0840	Aq	5	0.2	7.75	8.3	16	X	X	X	X	NH_3 - H_2SO_4
.03	#20	2/25/99	0850	Aq	5	0.5	7.74	9.6	15	X	X	X	X	VOA-HCL
.04	Ht: 1.62 #09	2/25/99	0910	Aq	5	1.9	6.73	8.6	0	X	X	X	X	19 250ml plastic w/H_2SO_4
.05	#19	2/25/99	920	Aq	5	2.5	6.74	8.6	0	X	X	X	X	19 250ml
.06	Ht: 2.22 #12	2/25/99	929	Aq	5	2.96	6.91	7.9	0	X	X	X	X	18 Bacteria Bottles
.07	#18	2/25/99	940	Aq	5	3.3	9.92	8.0	0	X	X	X	X	40 VOA 40ml w/HCL
.08	#11	2/25/99	950	Aq	5	4.1	6.90	8.5	0	X	X	X	X	
.09	#15	2/25/99	1000	Aq	5	3.4	6.75	8.5	0	X	X	X	X	
.10	Ht: 2.11 #16	2/25/99	1014	Aq	5	2.9	6.63	8.4	0	X	X	X	X	
.11	Ht: 1.10 #07	2/25/99	1024	Aq	5	4.5	6.70	7.7	1	X	X	X	X	
.12	#04	2/25/99	1042	Aq	5	3.7	6.60	7.9	1	X	X	X	X	
.13	#05	2/25/99	1052	Aq	5	4.1	6.63	8.1	0	X	X	X	X	
.14	#17	2/25/99	1103	Aq	5	4.3	6.76	8.0	0	X	X	X	X	

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
	2-25-99 1455				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (X)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ___ Days, (_)ASAP Verbal ___ Hrs.

Remarks:



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Customer: Joe Fallon
Phone #: X 26223
(X)DERA ( )OMA ( )Other:_____
Project No:
Location: First Quarter Streams
Samplers Name / Company : Scott W. Dan W. TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Temp. C°	pH	Diss. O_2	Salinity	VOA	NH_3	PO_4, SO_4, NO_3	Total Coliform	Remarks / Preservation Method
4300. .15	Stream Site #03	2/25/99	1112	Aq	5	3.6	6.59	7.8	0	X	X	X	X	All samples kept <4 C°
.16	#14	2/25/99	1124	Aq	5	3.5	6.61	8.4	0	X	X	X	X	NH3 - H_2SO_4
.17	#13	2/25/99	1135	Aq	5	3.8	6.68	7.7	0	X	X	X	X	VOA-HCL
.18	Field Dup.	2/25/99	—	Aq	5	4.1	6.91	7.9	0	X	X	X	X	19 250ml plastic w/H_2SO_4
.19	Field Blank	2/25/99	0915	Aq	4					X	X	X		19 250ml
.20	Trip Blank	2/25/99	—	Aq	2					X				18 Bacteria Bottles
														4 VOA 40ml w/HCL

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	2-25-99 1155	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (X)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

print legibly

COC-stream2/24/99

Change of Chain of Custody

Lab Project ID#: 4300.1-20 Site/Project Name: 1st QTR-Streams

Date Received: 2/25/99 Date of Change: 3/17/99

Requested by: print P. Skelton Sign: _____

Turnaround Time: 4 WKS

1. Were the correct containers and/or preservatives used for the tests indicated? (Yes) No
2. Was a sufficient amount of sample sent for the tests indicated? (Yes) No
3. Are samples Within Holding time for new analysis? (Yes) No
4. Was the change documented in the sample receipt log book? (Yes) No

Received by: print J. Vergara Sign: J. Vergara

Sample ID#	New Analysis		Sample ID#	New Analysis
4300.1-20	VOA+15			

Comments: _____

CASE NARRATIVE

Site: Streams
Lab ID: 4300

The duplicate analysis was performed on Stream Site #13 (Lab ID 4300.17).

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02873.d**	Sample Name	**Vblk89**
Operator	**Skelton**	Field ID	**Vblk89**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk89**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: Vblk89

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02873.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02896.d**	Sample Name	**4300.20**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Aquired	**10-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride	12.59	1566445	134.27 ug/L	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02896.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02895.d**	Sample Name	**4300.19**
Operator	**Skelton**	Field ID	**Field Blank**
Date Aquired	**10-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride	12.59	129559	11.15 ug/L	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02895.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02891.d**	Sample Name	**4300.15**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#03**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02891.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02888.d**
Operator **Skelton**
Date Acquired **09-Mar-99**

Sample Name **4300.12**
Field ID **StreamSite#04**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	26.46	69068	5.61 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#04**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02888.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02889.d**
Operator **Skelton**
Date Acquired **09-Mar-99**

Sample Name **4300.13**
Field ID **StreamSite#05**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	26.46	65492	5.45 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#05**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02889.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02887.d**
Operator **Skelton**
Date Acquired **09-Mar-99**

Sample Name **4300.11**
Field ID **StreamSite#07**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	26.47	34897	2.85 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#07**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02887.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02880.d**
Operator **Skelton**
Date Acquired **09-Mar-99**

Sample Name **4300.04**
Field ID **StreamSite#09**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	17.01	38656	1.78 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#09**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02880.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02884.d**	Sample Name	**4300.08**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene	17.01	182821	9.11 ug/L	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02884.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02882.d**	Sample Name	**4300.06**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene	17.01	36831	1.80 ug/L	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#12**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02882.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02893.d**	Sample Name	**4300.17**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Aquired	**10-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02893.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02892.d**	Sample Name	**4300.16**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02892.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02885.d**	Sample Name	**4300.09**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene	26.47	96689	7.33 ug/L	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02885.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02886.d** Sample Name **4300.10**
Operator **Skelton** Field ID **StreamSite#16**
Date Acquired **09-Mar-99** Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	26.47	78286	6.06 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02886.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02890.d** Sample Name **4300.14**
Operator **Skelton** Field ID **StreamSite#17**
Date Acquired **09-Mar-99** Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02890.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02883.d**	Sample Name	**4300.07**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Aquired	**09-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene	17.01	79823	3..95 ug/L	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#18**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02883.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02881.d** Sample Name **4300.05**
Operator **Skelton** Field ID **StreamSite#19**
Date Acquired **09-Mar-99** Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	17.00	48403	2.30 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#19**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02881.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02879.d**
Operator **Skelton**
Date Acquired **09-Mar-99**

Sample Name **4300.03**
Field ID **StreamSite#20**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02879.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB02878.d** Sample Name **4300.02**
Operator **Skelton** Field ID **StreamSite#21**
Date Acquired **09-Mar-99** Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#21**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02878.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02877.d**	Sample Name	**4300.01**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**09-Mar-99**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifiers
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#22**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02877.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/9/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB02894.d**	Sample Name	**4300.18**
Operator	**Skelton**	Field ID	**Field Dup**
Date Aquired	**10-Mar-99**	Sample Multiplier	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL		Qualifiers
107028	Acrolein			not detected	320	1.85	ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78	ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52	ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16	ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25	ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68	ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16	ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06	ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10	ug/L	
75-00-3	Chloroethane			not detected	nle	1.01	ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50	ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24	ug/L	
67-64-1	Acetone			not detected	nle	1.36	ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46	ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24	ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16	ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12	ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78	ug/L	
78-93-3	2-Butanone			not detected	nle	0.62	ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17	ug/L	
67-66-3	Chloroform			not detected	5.67	0.30	ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23	ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47	ug/L	
71-43-2	Benzene			not detected	0.15	0.23	ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18	ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23	ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40	ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55	ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65	ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69	ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59	ug/L	
108-88-3	Toluene			not detected	7440	0.37	ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87	ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48	ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32	ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71	ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86	ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39	ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65	ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14	ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62	ug/L	
100-42-5	Styrene			not detected	nle	0.56	ug/L	
75-25-2	Bromoform			not detected	4.38	0.70	ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47	ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55	ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57	ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64	ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dup**

Lab Name: FMETL Project Streams

NJDEP# 13461 Case No.: 4300 SDG No _____ Location Streams

Matrix: (soil/water) WATER Lab Sample ID: 4300.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB02894.D

Level: (low/med) LOW Date Received: 2/25/99

% Moisture: not dec. _____ Date Analyzed: 3/10/99

GC Column: Rtx5MS ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

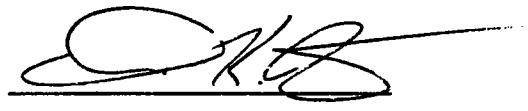
Stream Water Analysis

February 1999

Sample ID	Date Sampled	Stream Site#	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4300.01	02/25/99	22	7.88	0.171	0.2	ND	1350	9.6	20	ND	16
4300.02	02/25/99	21	7.75	0.185	0.1	ND	1250	8.3	60	ND	16
4300.03	02/25/99	20	7.74	0.268	ND	ND	1100	9.6	80	ND	15
4300.04	02/25/99	09	6.73	0.584	ND	ND	23	8.6	80	ND	0
4300.05	02/25/99	19	6.74	0.311	0.9	ND	29	8.6	180	40	0
4300.06	02/25/99	12	6.81	0.285	1.2	ND	26	7.9	80	40	0
4300.07	02/25/99	18	9.92	0.209	ND	ND	25	8.0	ND	80	0
4300.08	02/25/99	11	6.90	0.165	1.8	ND	23	8.5	60	100	0
4300.09	02/25/99	15	6.75	0.289	0.8	ND	46	8.5	440	160	0
4300.10	02/25/99	16	6.63	0.691	0.5	ND	32	8.4	160	80	0
4300.11	02/25/99	07	6.70	0.506	ND	ND	110	7.7	240	80	1
4300.12	02/25/99	04	6.60	0.669	ND	ND	37	7.9	240	60	1
4300.13	02/25/99	05	6.63	0.688	0.2	ND	35	8.1	220	100	0
4300.14	02/25/99	17	6.76	0.308	0.2	ND	38	8.0	40	20	0
4300.15	02/25/99	03	6.59	0.193	ND	ND	35	7.8	120	100	0
4300.16	02/25/99	14	6.61	ND	0.8	ND	35	8.4	40	20	0
4300.17	02/25/99	13	6.68	0.647	0.1	ND	30	7.7	640	200	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:02/26/99
Reviewed:02/26/99



Daniel K. Wright

Laboratory Director

	Lab	Methylene Chloride	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	1
04/08/97	FMETL	2.00	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	1.09
02/25/99	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/97 - 02/25/99

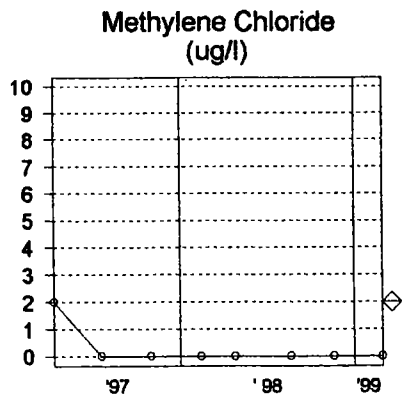
NOTES:

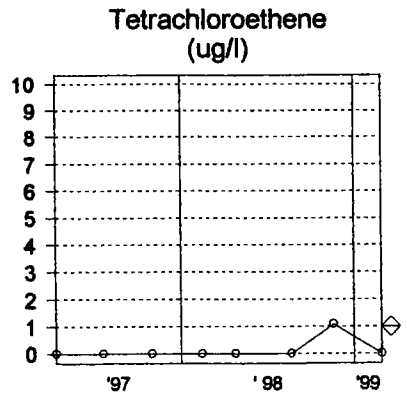
Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 3

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

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04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85
11/17/98	FMETL	1.19	ND	1.62
02/25/99	FMETL	ND	ND	5.61

SOURCE: 4

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17

U.S. ARMY
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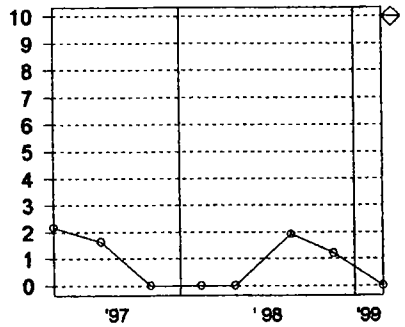
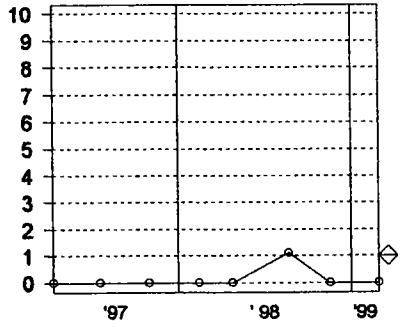
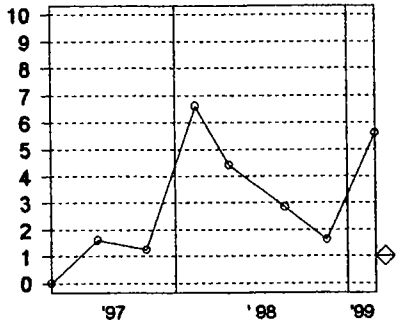
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\stream~.wsf







SOURCE: 4

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2	10	1	1
04/08/97	FMETL	1.96	1.80	ND	2.28
07/17/97	FMETL	ND	3.66	ND	3.54
10/30/97	FMETL	ND	1.83	ND	1.70
02/10/98	FMETL	ND	ND	ND	6.34
04/21/98	FMETL	ND	ND	ND	4.48
08/19/98	FMETL	ND	2.28	1.27	3.39
11/17/98	FMETL	ND	1.67	ND	2.17
02/25/99	FMETL	ND	ND	ND	5.45

SOURCE: 5

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

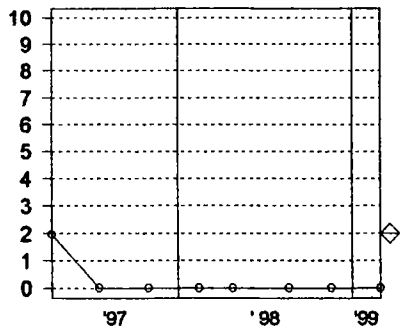
GW Monitoring
Streams

Well 3 of 17

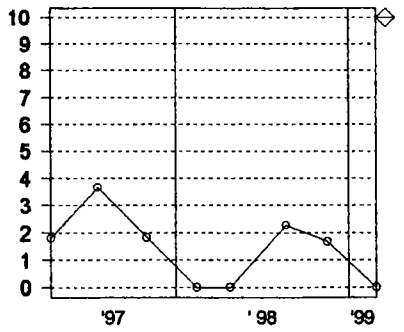
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

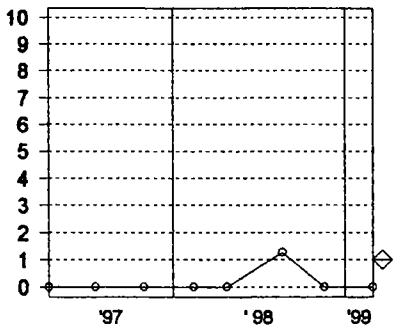
Methylene Chloride
(ug/l)



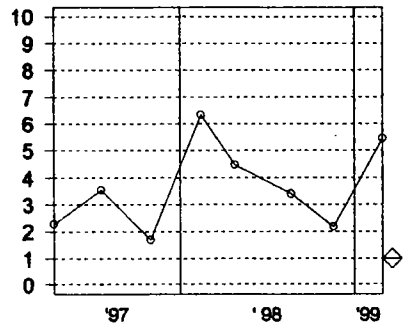
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 5

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

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04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	ND	ND
07/17/97	FMETL	1.14	1.08
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	2.04
04/21/98	FMETL	ND	2.40
08/19/98	FMETL	ND	ND
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	2.85

SOURCE: 7

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17

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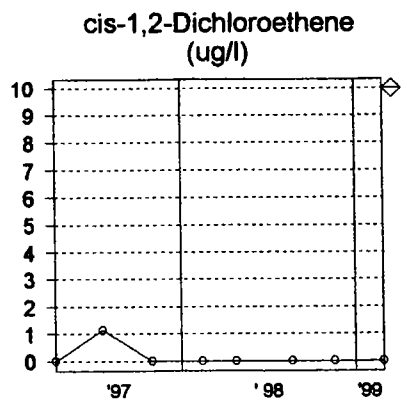
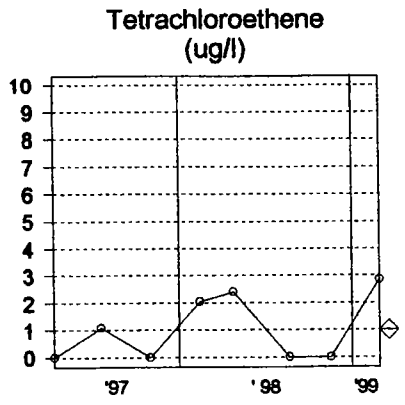
SELFM-PW-EV





SOURCE: 7

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	10
04/08/97	FMETL	1.82	2.78
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	2.14
02/10/98	FMETL	ND	6.00
04/21/98	FMETL	ND	4.73
08/19/98	FMETL	ND	1.69
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	1.78

SOURCE: 9

Sampling Dates:
04/08/97 - 02/25/99

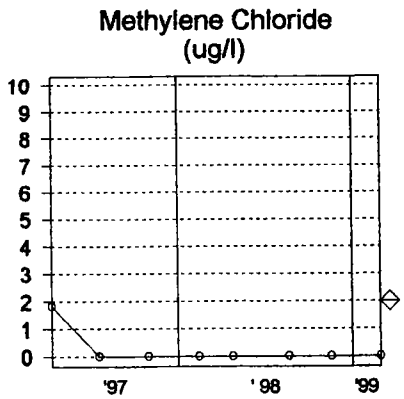
NOTES:

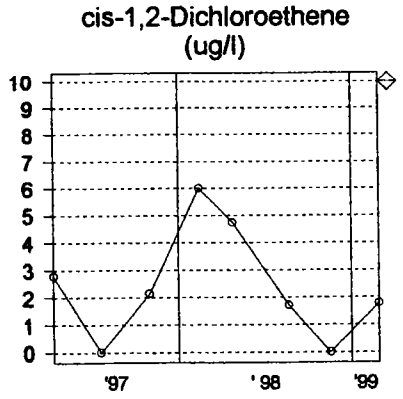
Fort Monmouth

GW Monitoring
Streams

Well 5 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 9

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND
11/18/98	FMETL	8.82	ND
02/25/99	FMETL	9.11	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 02/25/99

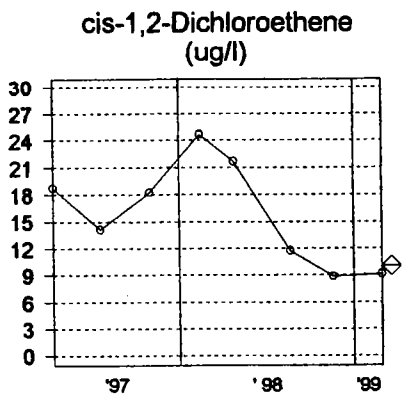
NOTES:

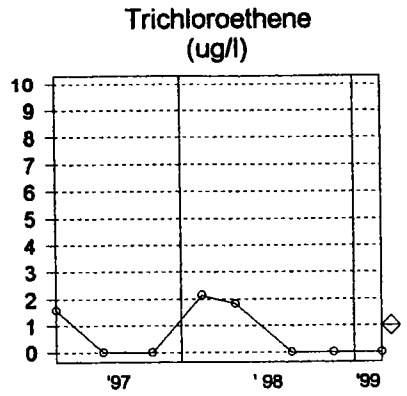
Fort Monmouth

GW Monitoring
Streams

Well 6 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 11

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.63
07/17/97	FMETL	ND
10/30/97	FMETL	5.67
02/10/98	FMETL	6.54
04/21/98	FMETL	ND
08/19/98	FMETL	4.58
11/18/98	FMETL	2.48
02/25/99	FMETL	1.80

SOURCE: 12

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

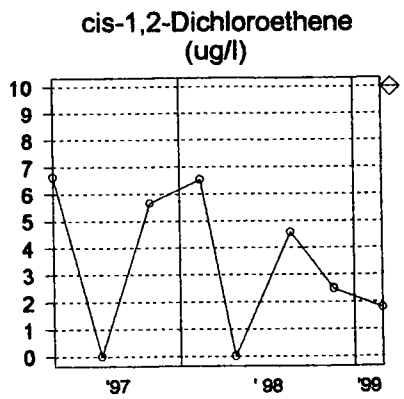
Fort Monmouth

GW Monitoring
Streams

Well 7 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\stre



SOURCE: 12

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Methylene Chloride	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	700
04/08/97	FMETL	1.91	2.81
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

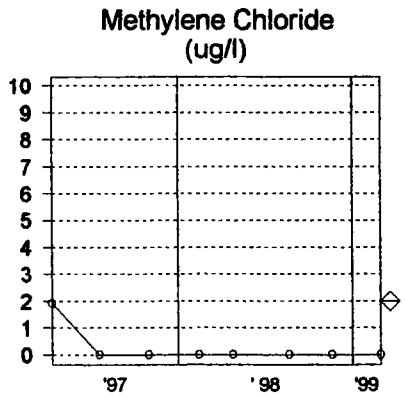
Fort Monmouth

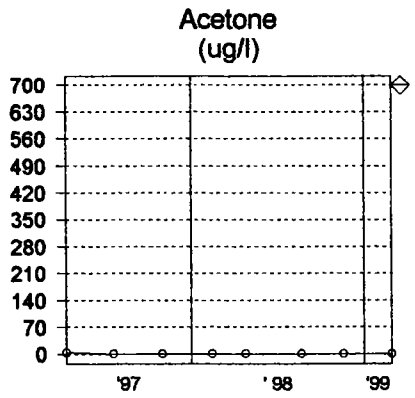
GW Monitoring
Streams

Well 8 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 13

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	3.32
02/25/99	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

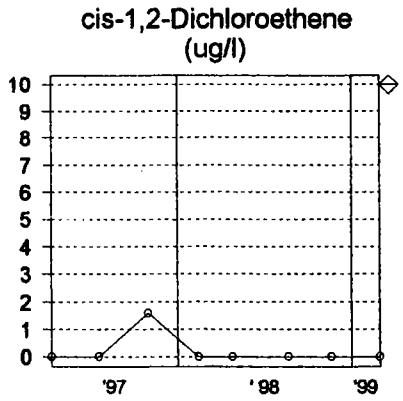
Fort Monmouth

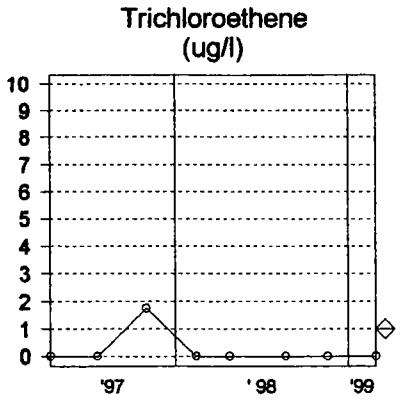
GW Monitoring
Streams

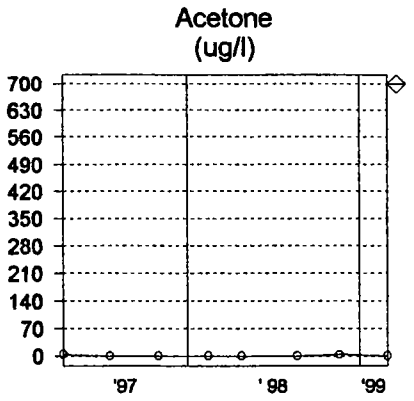
Well 9 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 14

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39
11/18/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	7.33

SOURCE: 15

Sampling Dates:
04/08/97 - 02/25/99

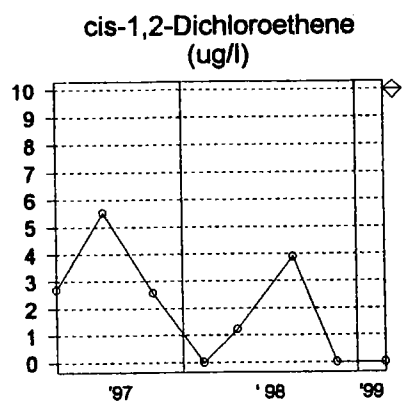
NOTES:

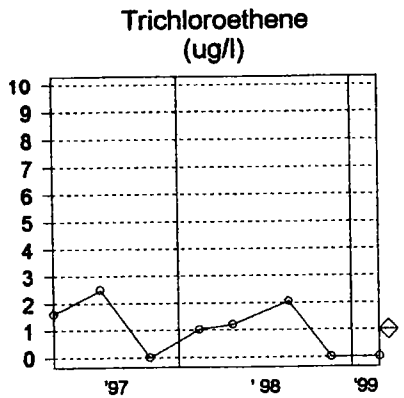
Fort Monmouth

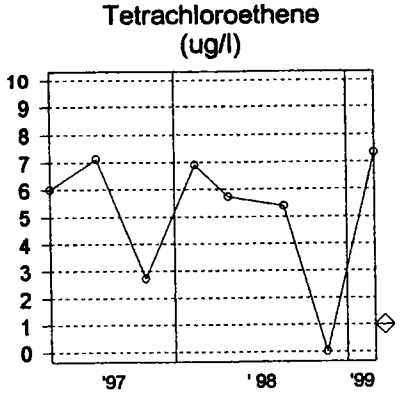
GW Monitoring
Streams

Well 10 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 15

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33
11/18/98	FMETL	ND	ND	1.48
02/25/99	FMETL	ND	ND	6.06

SOURCE: 16

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

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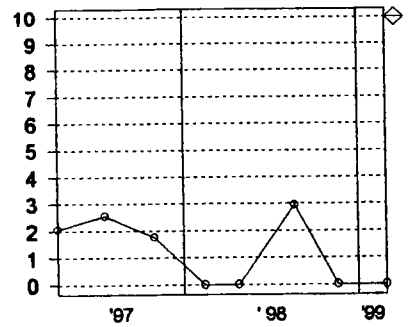
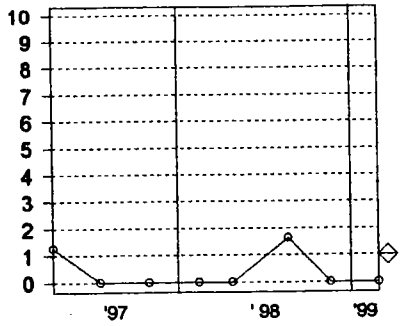
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\stream~.wsf

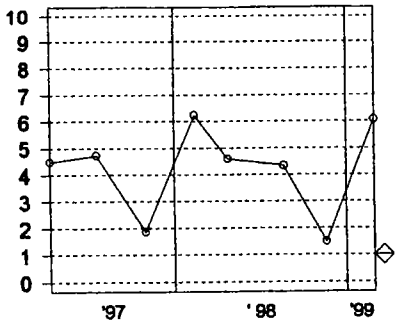
cis-1,2-Dichloroethene (ug/l)



Trichloroethene (ug/l)



Tetrachloroethene (ug/l)



SOURCE: 16

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1	700	4
04/08/97	FMETL	ND	ND	ND	1.97	ND
07/17/97	FMETL	ND	ND	ND	ND	ND
10/30/97	FMETL	ND	ND	ND	ND	ND
02/10/98	FMETL	ND	ND	ND	ND	1.59
04/21/98	FMETL	ND	ND	ND	ND	ND
08/19/98	FMETL	ND	ND	ND	ND	ND
11/18/98	FMETL	4.43	2.12	5.09	ND	ND
02/25/99	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

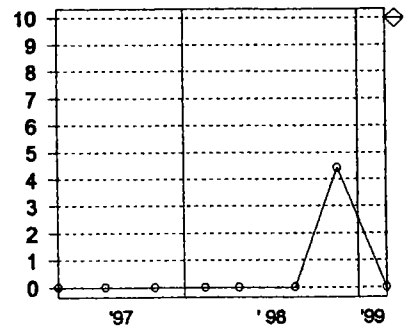
Fort Monmouth

GW Monitoring
Streams

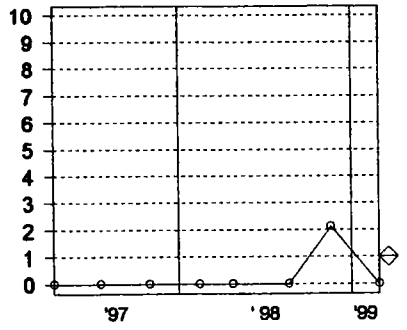
Well 12 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

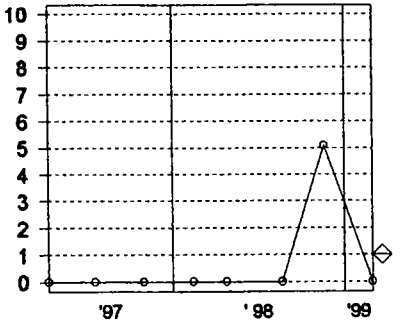
cis-1,2-Dichloroethene (ug/l)



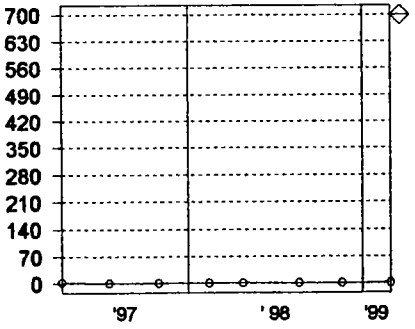
Trichloroethene (ug/l)



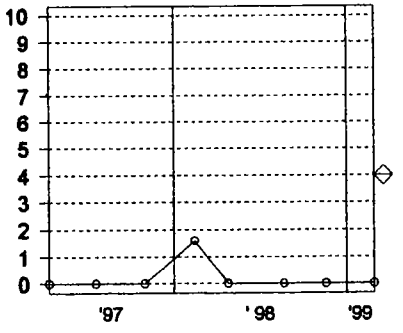
Tetrachloroethene (ug/l)



Acetone (ug/l)



Chlorobenzene (ug/l)



SOURCE: 17

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech48\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65
11/18/98	FMETL	3.18
02/25/99	FMETL	3.95

SOURCE: 18

Sampling Dates:
04/08/97 - 02/25/99

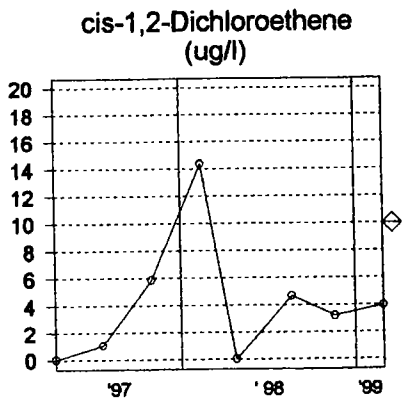
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 18

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95
11/17/98	FMETL	2.3
02/25/99	FMETL	2.30

SOURCE: 19

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

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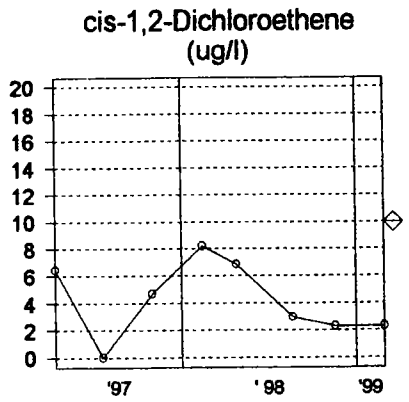
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 19

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	NLE
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND

SOURCE: 20

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

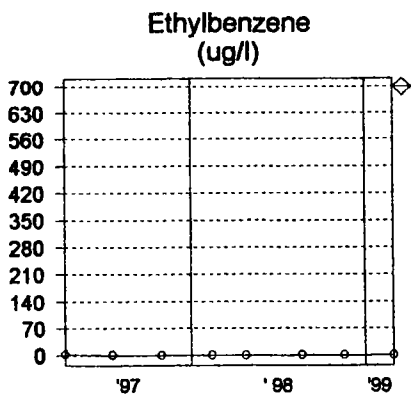
Fort Monmouth

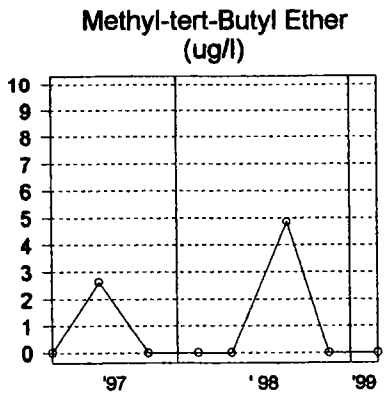
GW Monitoring
Streams

Well 15 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\stream





SOURCE: 20

Sampling Dates:
04/08/97 - 02/25/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

04-05-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	2.90
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.71
11/17/98	FMETL	ND
02/25/99	FMETL	ND

SOURCE: 21

Sampling Dates:
04/08/97 - 02/25/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

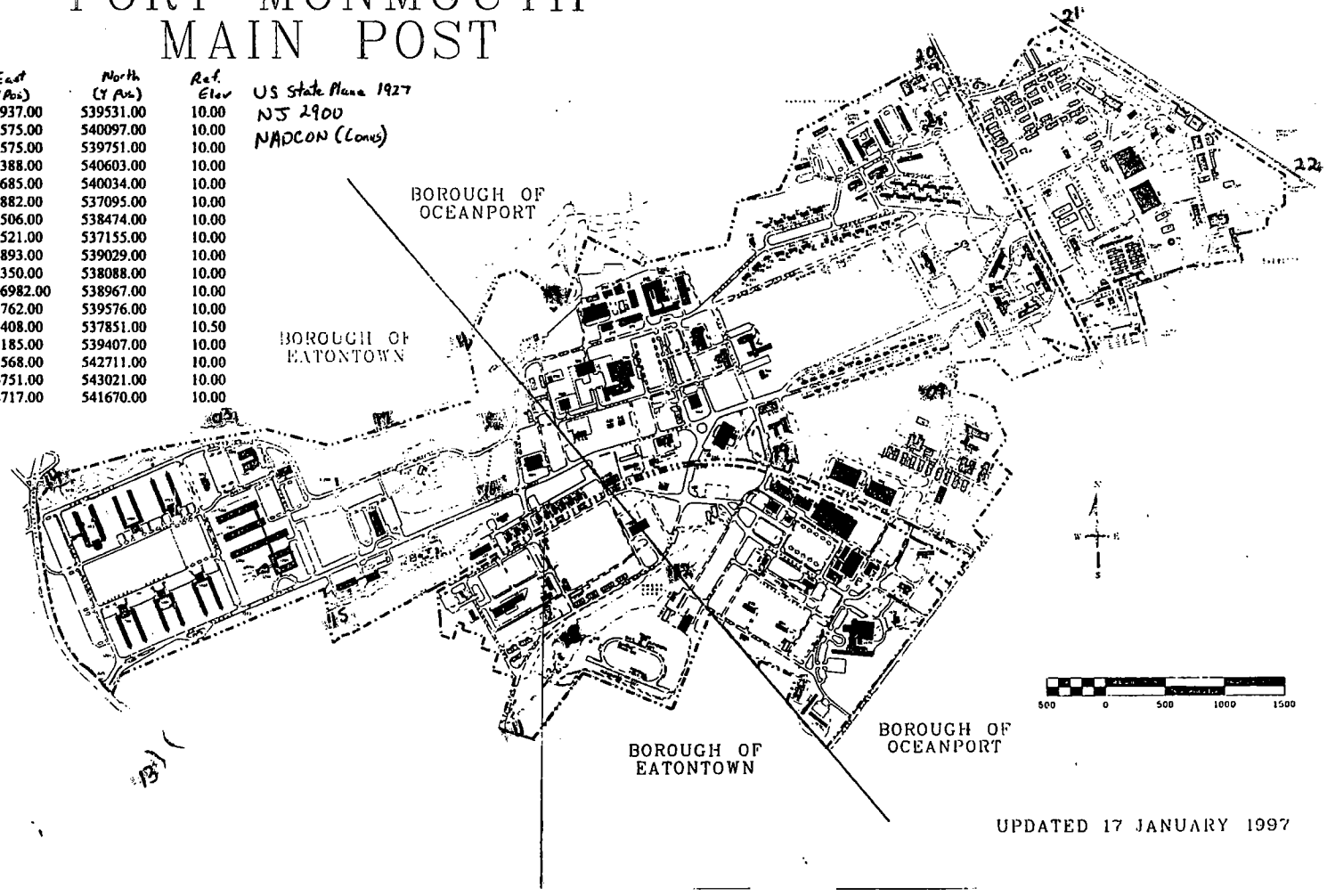
Well 16 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

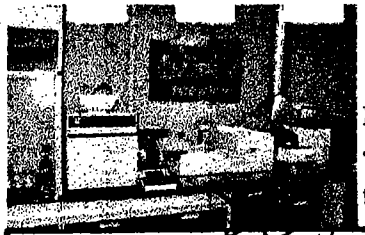
FORT MONMOUTH
MAIN POST

Stream #	East (X Axis)	North (Y Axis)	Ref. Elev
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00

US State Plane 1927
NJ 2900
NADCON (Conus)



UPDATED 17 JANUARY 1997



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 426223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: Streams 2nd Qrtr '99

Samplers Name / Company : Corey McCormack, TVS

Comments: HCL/H_2SO_4/ 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOCs	Total Coli	NH_3 / NO_3	BOD / SOD	Temp °C	pH	Dissolved O2	Salinity	Remarks / Preservation Method
4549 .01	Trip	6/29/99	0710	AQ	2	✓				—	—	—	—	
.02	Field Blank		0804		5	✓	✓	✓	✓	—	—	—	—	
.03	Site #22		1200			✓	✓	✓	✓	30.7	7.13	5.12	21.0	
.04	#21		1215			✓	✓	✓	✓	31.1	8.14	4.27	21.0	
.05	#20		1225			✓	✓	✓	✓	31.2	8.03	4.17	21.0	
.06	#09		1240			✓	✓	✓	✓	29.4	8.23	4.42	0.0	HT: 1.60
.07	#19		0914			✓	✓	✓	✓	23.7	7.76	6.91	1.00	slow flow, clear
.08	#12		0907			✓	✓	✓	✓	25.7	7.89	6.47	1.000 0%	cloudy
.09	#18		0900			✓	✓	✓	✓	24.4	7.94	6.51	1.000 0%	cloudy
.10	#11		0838			✓	✓	✓	✓	23.5	7.83	6.87	1.000 0%	slightly cldy, flwy
.11	#15		0850			✓	✓	✓	✓	23.5	7.73	6.72	1.000 0%	clear, good flow
.12	#16		1250			✓	✓	✓	✓	28.5	8.10	3.40	10.0	HT: 1.0T Rain ABV
.13	#07		1310			✓	✓	✓	✓	30.9	7.05	7.01	10.0	HT: Rain ABV
.14	#04	↓	1315	↓	↓	✓	✓	✓	✓	30.3	7.47	4.43	2	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/29/99 1400				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: High

print legibly

Coc.xls 6/18/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: 532-6223
( )DERA ( )OMA ( )Other:

Project No:
Location: Streams 2nd Qrtr '99

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	Total Coli.	NH_3 / NO_3	PO_4 / SO_4	Temp °C	pH	Dissolved O_2	Salinity	Remarks / Preservation Method
4579 .15	#05	6/29/99	1330	AQ	5	✓	✓	✓	✓	29.1	7.15	4.36	0	
.16	#17		1345			✓	✓	✓	✓	31.2	7.44	5.82	0	
.17	#03		1350			✓	✓	✓	✓	23.9	7.32	5.61	0	
.18	* #14		0809			✓	✓	✓	✓	23.7	7.38	5.85	1.000 / 0.0	cloudy, stagnant
.19	#13		0824			✓	✓	✓	✓	25.2	7.31	7.31	1.000 / 0.0	cloudy, moderate flow
.20	Dupe	↓	—	↓	↓	✓	✓	✓	✓	-	-	-	-	

Analysis Parameters

Comments: HCl / H_2SO_4 / <4°c

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/29/99 1400				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (x)Standard, ( )Screen / non-certified
Turnaround time: (x)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide : High

print legibly

Coc.xls6/21/99

CASE NARRATIVE

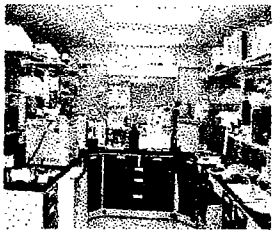
Site: Streams

Lab ID: 4579

The field duplicate was performed on 4579.18 (Field ID Stream # 14).

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699



ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/2nd Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site 22	4579.003	Aqueous	29-Jun-99 12:00	06/29/99
Stream Site 21	4579.04	Aqueous	29-Jun-99 12:15	06/29/99
Stream Site 20	4579.05	Aqueous	29-Jun-99 12:25	06/29/99
Stream Site 09	4579.06	Aqueous	29-Jun-99 12:40	06/29/99
Stream Site 19	4579.07	Aqueous	29-Jun-99 09:14	06/29/99
Stream Site 12	4579.08	Aqueous	29-Jun-99 09:07	06/29/99
Stream Site 18	4579.09	Aqueous	29-Jun-99 09:00	06/29/99
Stream Site 11	4579.10	Aqueous	29-Jun-99 08:38	06/29/99
Stream Site 15	4579.11	Aqueous	29-Jun-99 08:50	06/29/99
Stream Site 16	4579.12	Aqueous	29-Jun-99 12:50	06/29/99
Stream Site 07	4579.13	Aqueous	29-Jun-99 13:10	06/29/99
Stream Site 04	4579.14	Aqueous	29-Jun-99 13:15	06/29/99
Stream Site 05	4579.15	Aqueous	29-Jun-99 13:30	06/29/99
Stream Site 17	4579.16	Aqueous	29-Jun-99 13:45	06/29/99
Stream Site 03	4579.17	Aqueous	29-Jun-99 13:50	06/29/99
Stream Site 14	4579.18	Aqueous	29-Jun-99 08:09	06/29/99
Stream Site 13	4579.19	Aqueous	29-Jun-99 08:24	06/29/99

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

Daniel Wright/Date
Laboratory Director

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL : Method Detection Limit
J : Compound identified below detection limit
B : Compound in both sample and blank
D : Results from dilution of sample
U : Compound searched for but not detected

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000426.D	Sample Name	vblk12
Operator	Deinhardt	Field ID	vblk12
Date Acquired	9 Jul 1999 3:10 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:06 AM

C:\HPCHEM\Custrpt\Volatile\FRESHWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **vblk12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: vblk12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000426.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000456.D**	Sample Name	**Vblk13**
Operator	**Skelton**	Field ID	**Vblk13**
Date Acquired	**12 Jul 1999 11:45 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000456.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC000433.D**
Operator **Deinhardt**
Date Acquired **9 Jul 1999 8:20 pm**

Sample Name **4579.01**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene	23.63	372022	1.84 ug/L	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes	27.67	120342	1.31 ug/L	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4579.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000433.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000434.D	Sample Name	4579.02
Operator	Deinhardt	Field ID	Field Blank
Date Acquired	9 Jul 1999 9:01 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000434.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000435.D**	Sample Name	**4579.03**
Operator	**Deinhardt**	Field ID	**Site #22**
Date Acquired	**9 Jul 1999 9:42 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.84	866010	8.30 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #22**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000435.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000436.D	Sample Name	4579.04
Operator	Deinhardt	Field ID	Site #21
Date Acquired	9 Jul 1999 10:24 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.84	762524	7.40 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #21**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000436.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000437.D**	Sample Name	**4579.05**
Operator	**Deinhardt**	Field ID	**Site #20**
Date Acquired	**9 Jul 1999 11:05 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	578923	5.70 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:11 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #20**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000437.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000438.D**	Sample Name	**4579.06**
Operator	**Deinhardt**	Field ID	**Site #09**
Date Acquired	**9 Jul 1999 11:46 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	8.89	30504	2.50 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:11 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #09**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000438.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/9/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000439.D**	Sample Name	**4579.07**
Operator	**Deinhardt**	Field ID	**Site #19**
Date Acquired	**10 Jul 1999 12:27 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #19**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4579.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000439.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000440.D	Sample Name	4579.08
Operator	Deinhardt	Field ID	Site #12
Date Acquired	10 Jul 1999 1:09 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	71538	1.39 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000440.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000441.D**	Sample Name	**4579.09**
Operator	**Deinhardt**	Field ID	**Site #18**
Date Acquired	**10 Jul 1999 1:50 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	72930	1.47 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #18**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000441.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000442.D**	Sample Name	**4579.10**
Operator	**Deinhardt**	Field ID	**Site #11**
Date Acquired	**10 Jul 1999 2:31 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	285480	5.77 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000442.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000443.D**	Sample Name	**4579.11**
Operator	**Deinhardt**	Field ID	**Site #15**
Date Acquired	**10 Jul 1999 3:13 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	203786	4.17 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.30	93158	2.40 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	266731	7.86 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000443.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000444.D	Sample Name	4579.12
Operator	Deinhardt	Field ID	Site #16
Date Acquired	10 Jul 1999 3:54 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	168538	3.56 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.30	86569	2.25 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	253924	7.70 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000444.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000445.D**	Sample Name	**4579.13**
Operator	**Deinhardt**	Field ID	**Site #07**
Date Acquired	**10 Jul 1999 4:35 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.84	169748	2.00 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	8.88	30498	2.94 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	46284	1.42 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000445.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000446.D**	Sample Name	**4579.14**
Operator	**Deinhardt**	Field ID	**Site #04**
Date Acquired	**10 Jul 1999 5:17 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	109089	2.41 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.31	57043	1.56 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	167201	5.27 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:11 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000446.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000447.D**	Sample Name	**4579.15**
Operator	**Deinhardt**	Field ID	**Site #05**
Date Acquired	**10 Jul 1999 5:58 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	121223	2.74 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.30	62450	1.74 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	184736	6.04 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4579.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000447.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000448.D**	Sample Name	**4579.16**
Operator	**Deinhardt**	Field ID	**Site #17**
Date Acquired	**10 Jul 1999 6:39 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000448.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000449.D**	Sample Name	**4579.17**
Operator	**Deinhardt**	Field ID	**Site #03**
Date Acquired	**10 Jul 1999 7:20 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000449.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000450.D	Sample Name	4579.18
Operator	Deinhardt	Field ID	Site #14
Date Acquired	10 Jul 1999 8:01 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:07 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000450.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000451.D**	Sample Name	**4579.19**
Operator	**Deinhardt**	Field ID	**Site #13**
Date Acquired	**10 Jul 1999 8:42 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Site #13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4579.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000451.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. _____ Date Analyzed: 7/10/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000465.D**	Sample Name	**4579.20**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**12 Jul 1999 5:57 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

7/20/99 11:08 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4579 Location: Stream SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4579.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000465.D

Level: (low/med) LOW Date Received: 6/29/99

% Moisture: not dec. Date Analyzed: 7/12/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Stream Water Analysis

June 1999

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4579.03	06/29/99	22	30.7	7.13	ND	0.2	ND	1950	5.12	140	ND	21.0
4579.04	06/29/99	21	31.1	8.14	ND	7.4	ND	1950	4.27	120	80	21.0
4579.05	06/29/99	20	31.2	8.03	ND	ND	ND	1650	4.17	380	80	21.0
4579.06	06/29/99	09	29.4	8.23	1.58	0.5	ND	135	4.42	10,200	900	0.0
4579.07	06/29/99	19	23.7	7.76	0.479	0.4	ND	20	6.91	3,220	340	0.0
4579.08	06/29/99	12	25.7	7.89	ND	0.7	0.21	21	6.47	660	120	0.0
4579.09	06/29/99	18	24.4	7.94	ND	0.8	ND	54	6.51	2,180	240	0.0
4579.10	06/29/99	11	23.5	7.83	0.293	1.2	ND	22	6.87	6,300	1,400	0.0
4579.11	06/29/99	15	23.5	7.73	1.03	0.7	ND	26	6.72	5,600	340	0.0
4579.12	06/29/99	16	28.5	8.10	1.34	0.4	ND	59	3.40	11,500	620	0.0
4579.13	06/29/99	07	30.9	7.05	ND	ND	ND	725	7.01	5,200	1,260	10.0
4579.14	06/29/99	04	30.3	7.47	1.09	0.2	ND	250	4.43	10,100	2,460	2.0
4579.15	06/29/99	05	29.1	7.15	1.06	0.5	ND	210	4.36	14,700	920	0
4579.16	06/29/99	17	31.2	7.44	1.32	ND	ND	140	5.82	>20,000	1,300	0.0
4579.17	06/29/99	03	23.9	7.32	2.17	ND	ND	230	5.61	16,100	1,040	0.0
4579.18	06/29/99	14	23.7	7.38	1.01	0.3	0.10	24	5.85	16,400	900	0.0
4579.19	06/29/99	13	25.2	7.37	ND	0.8	ND	25	7.31	12,800	280	0.0

mg/L = parts per million
cfu = colony forming units
ND = Not Detected

Completed:07/06/99
Reviewed:07/06/99

Daniel K. Wright

Laboratory Director

	Lab	Tetrachloroethene
Units:	-	ug/l
NJDEP Criteria:	-	1
04/08/97	FMETL	ND
07/17/97	FMETL	ND
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	ND
11/18/98	FMETL	1.09
02/25/99	FMETL	ND
06/29/99	FMETL	ND

SOURCE: 3

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

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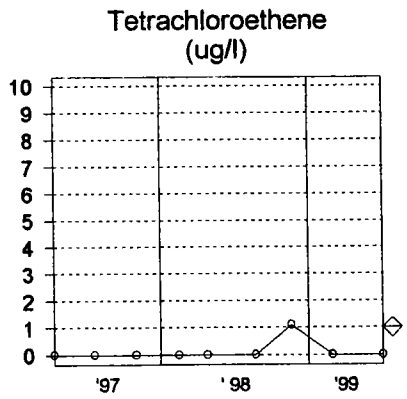


SOURCE: 3

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw[illegible]ms.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85
11/17/98	FMETL	1.19	ND	1.62
02/25/99	FMETL	ND	ND	5.61
06/29/99	FMETL	2.41	1.56	5.27

SOURCE: 4

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

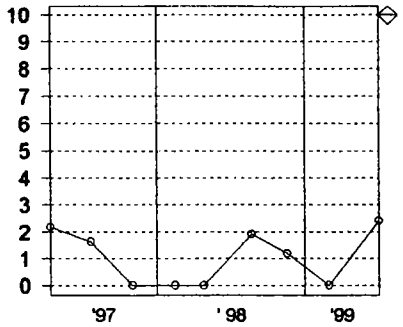
Fort Monmouth

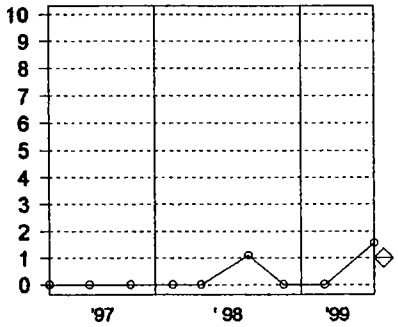
GW Monitoring
Streams

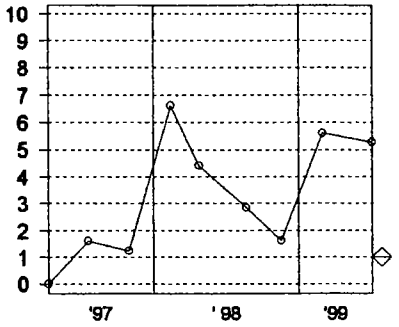
Well 2 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 4

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\g ns.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	1.80	ND	2.28
07/17/97	FMETL	3.66	ND	3.54
10/30/97	FMETL	1.83	ND	1.70
02/10/98	FMETL	ND	ND	6.34
04/21/98	FMETL	ND	ND	4.48
08/19/98	FMETL	2.28	1.27	3.39
11/17/98	FMETL	1.67	ND	2.17
02/25/99	FMETL	ND	ND	5.45
06/29/99	FMETL	2.74	1.74	6.04

SOURCE: 5

Sampling Dates:
04/08/97 - 06/29/99

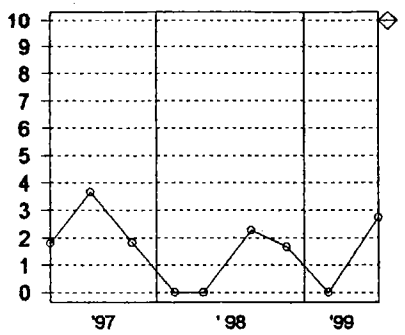
NOTES:

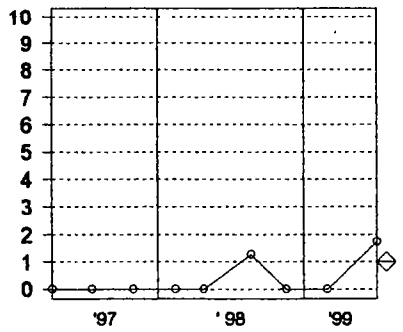
Fort Monmouth

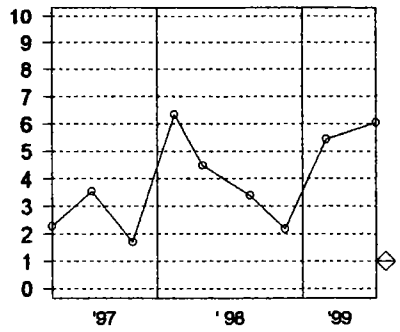
GW Monitoring
Streams

Well 3 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 5

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw s.wsf

	Lab	Tetrachloroethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1	700	NLE
04/08/97	FMETL	ND	ND	ND
07/17/97	FMETL	1.08	ND	ND
10/30/97	FMETL	ND	ND	ND
02/10/98	FMETL	2.04	ND	ND
04/21/98	FMETL	2.40	ND	ND
08/19/98	FMETL	ND	ND	ND
11/17/98	FMETL	ND	ND	ND
02/25/99	FMETL	2.85	ND	ND
06/29/99	FMETL	1.42	2.94	2.00

SOURCE: 7

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

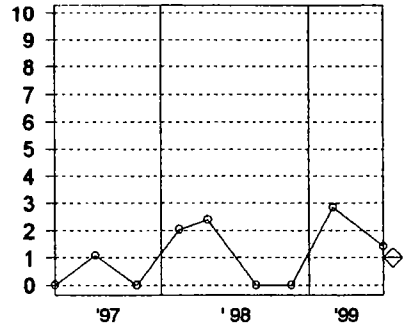
Fort Monmouth

GW Monitoring
Streams

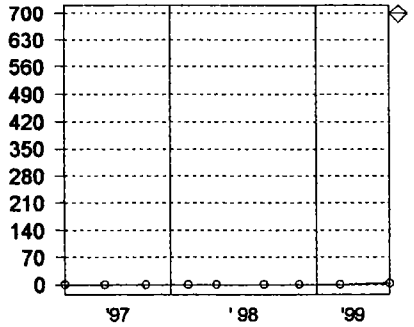
Well 4 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

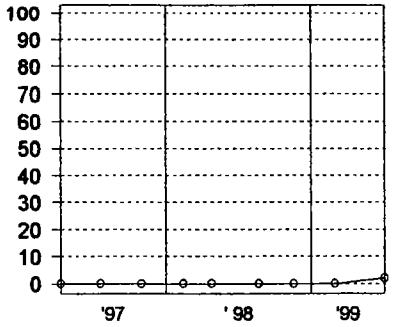
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 7

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\ .wsf

	Lab	cis-1,2-dichloroethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	700
04/08/97	FMETL	2.78	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	2.14	ND
02/10/98	FMETL	6.00	ND
04/21/98	FMETL	4.73	ND
08/19/98	FMETL	1.69	ND
11/17/98	FMETL	ND	ND
02/25/99	FMETL	1.78	ND
06/29/99	FMETL	ND	2.50

SOURCE: 9

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

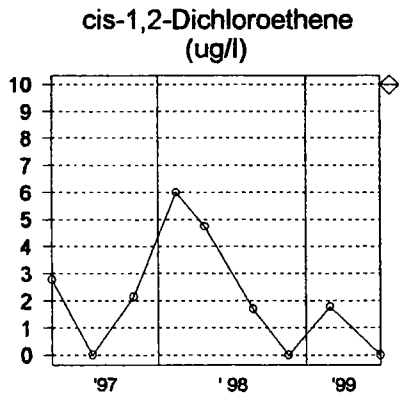
Fort Monmouth

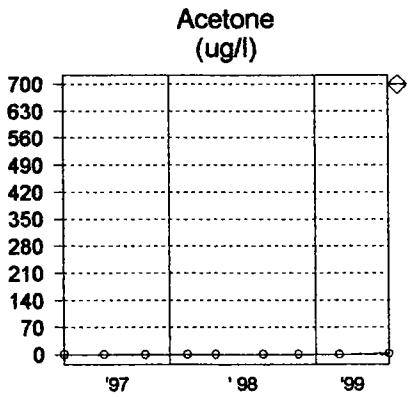
GW Monitoring
Streams

Well 5 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 9

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gv ns.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND
11/18/98	FMETL	8.82	ND
02/25/99	FMETL	9.11	ND
06/29/99	FMETL	5.77	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

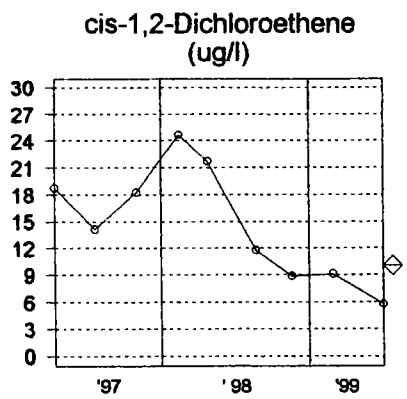
Fort Monmouth

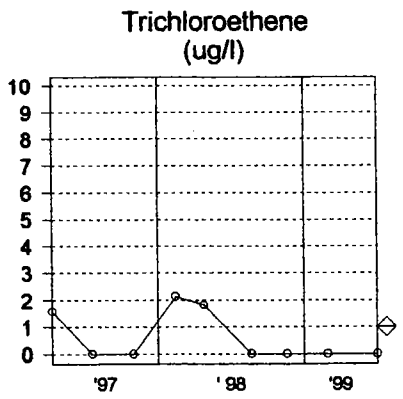
GW Monitoring
Streams

Well 6 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 11

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\g ns.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.63
07/17/97	FMETL	ND
10/30/97	FMETL	5.67
02/10/98	FMETL	6.54
04/21/98	FMETL	ND
08/19/98	FMETL	4.58
11/18/98	FMETL	2.48
02/25/99	FMETL	1.80
06/29/99	FMETL	1.39

SOURCE: 12

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

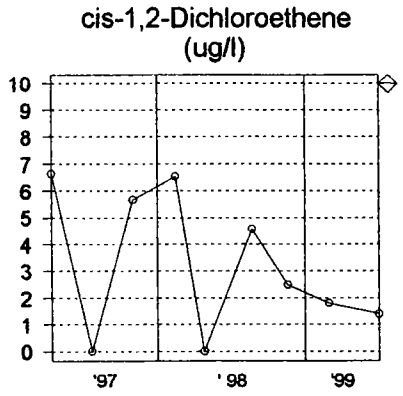
Fort Monmouth

GW Monitoring
Streams

Well 7 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\strea



SOURCE: 12

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone
Units:	-	ug/l
NJDEP Criteria:	-	700
04/08/97	FMETL	2.81
07/17/97	FMETL	ND
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	ND
11/18/98	FMETL	ND
02/25/99	FMETL	ND
06/29/99	FMETL	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

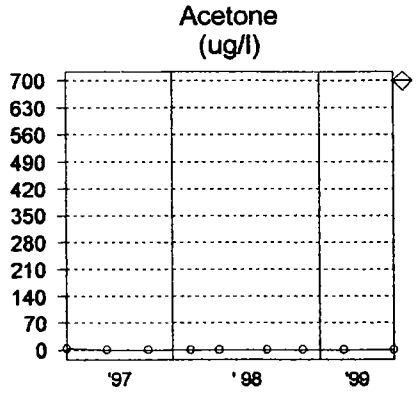
Fort Monmouth

GW Monitoring
Streams

Well 8 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\st



SOURCE: 13

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	3.32
02/25/99	FMETL	ND	ND	ND
06/29/99	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

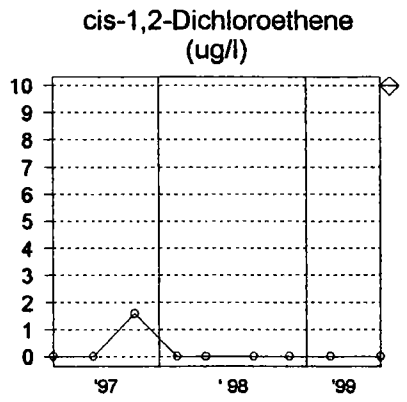
Fort Monmouth

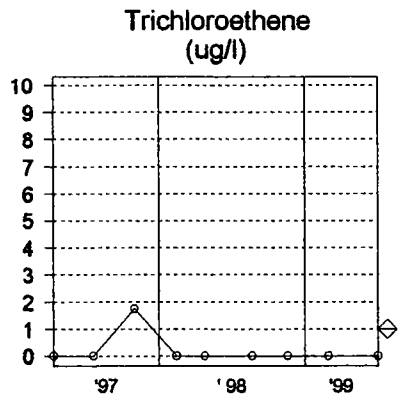
GW Monitoring
Streams

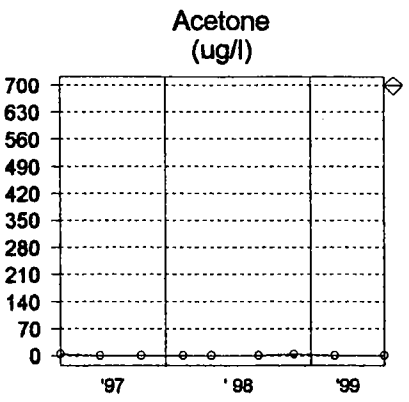
Well 9 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\stre







SOURCE: 14

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39
11/18/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	7.33
06/29/99	FMETL	4.17	2.40	7.86

SOURCE: 15

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

Fort Monmouth

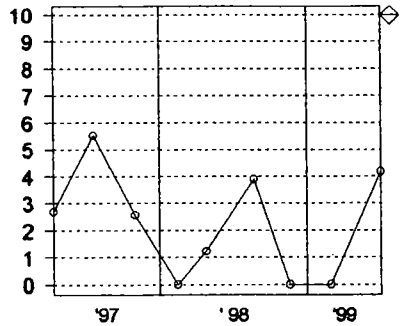
GW Monitoring
Streams

Well 10 of 17

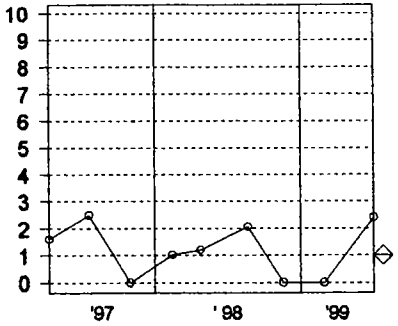
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\st wsf

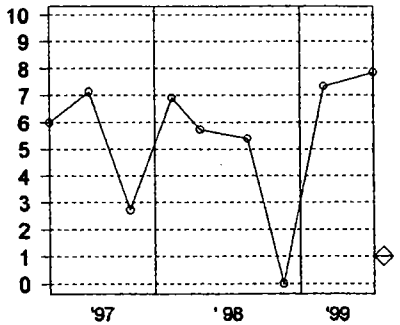
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 15

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech48\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33
11/18/98	FMETL	ND	ND	1.48
02/25/99	FMETL	ND	ND	6.06
06/29/99	FMETL	3.56	2.25	7.70

SOURCE: 16

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

Fort Monmouth

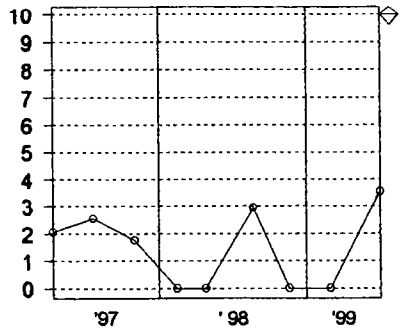
GW Monitoring
Streams

Well 11 of 17

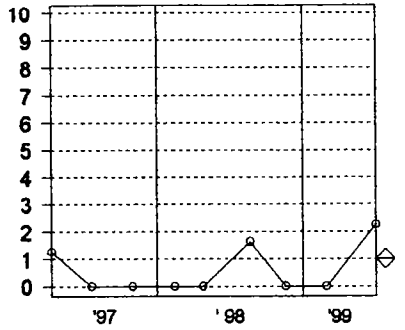
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-28-1999 c:\mtech46\fm\streams\gw\e[illegible].wsf

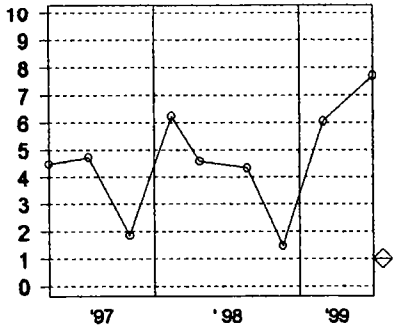
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1	700	4
04/08/97	FMETL	ND	ND	ND	1.97	ND
07/17/97	FMETL	ND	ND	ND	ND	ND
10/30/97	FMETL	ND	ND	ND	ND	ND
02/10/98	FMETL	ND	ND	ND	ND	1.59
04/21/98	FMETL	ND	ND	ND	ND	ND
08/19/98	FMETL	ND	ND	ND	ND	ND
11/18/98	FMETL	4.43	2.12	5.09	ND	ND
02/25/99	FMETL	ND	ND	ND	ND	ND
06/29/99	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 06/29/99

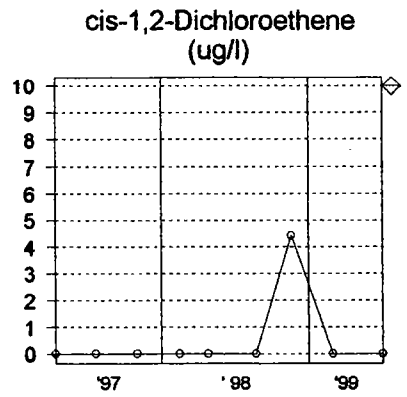
NOTES:

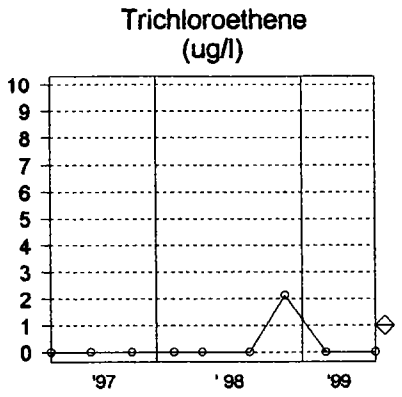
Fort Monmouth

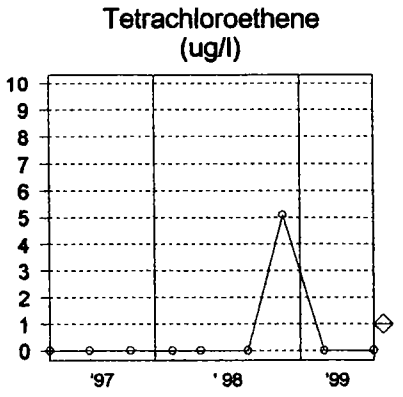
GW Monitoring
Streams

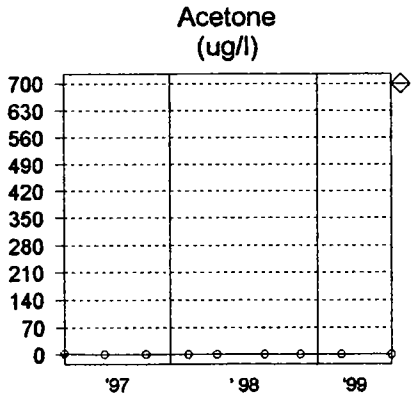
Well 12 of 17

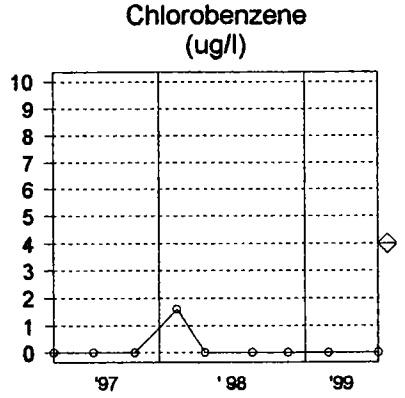
U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 17

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65
11/18/98	FMETL	3.18
02/25/99	FMETL	3.95
06/29/99	FMETL	1.47

SOURCE: 18

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

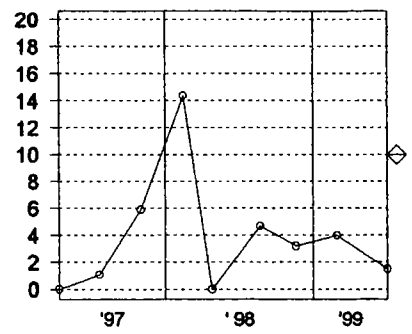
Fort Monmouth

GW Monitoring
Streams

Well 13 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 18

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\g s.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95
11/17/98	FMETL	2.3
02/25/99	FMETL	2.30
06/29/99	FMETL	ND

SOURCE: 19

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

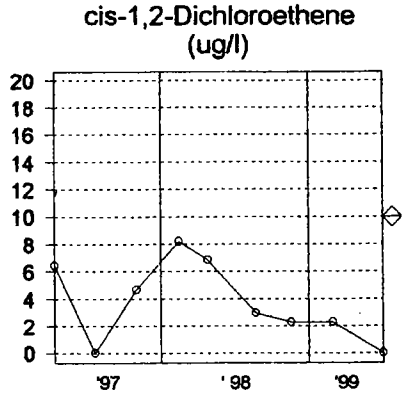
Fort Monmouth

GW Monitoring
Streams

Well 14 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 19

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	NLE
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	5.70

SOURCE: 20

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

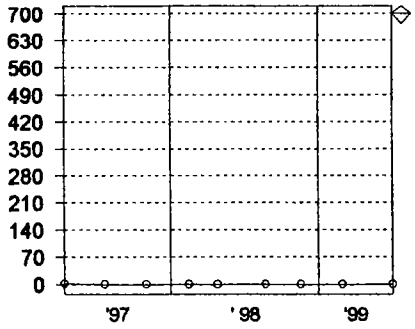
Fort Monmouth

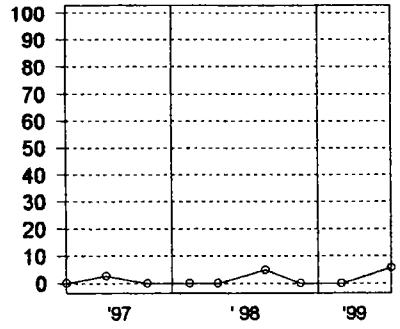
GW Monitoring
Streams

Well 15 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 20

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw\ .wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	2.90
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.71
11/17/98	FMETL	ND
02/25/99	FMETL	ND
06/29/99	FMETL	7.40

SOURCE: 21

Sampling Dates:
04/08/97 - 06/29/99

NOTES:

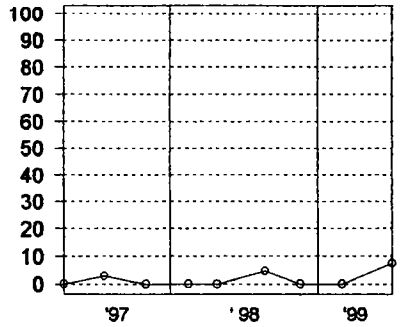
Fort Monmouth

GW Monitoring
Streams

Well 16 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-28-1999 c:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 21

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gw s.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	NLE
04/08/97	FMETL	ND
07/17/97	FMETL	4.26
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.50
11/17/98	FMETL	ND
02/25/99	FMETL	ND
06/29/99	FMETL	8.30

SOURCE: 22

Sampling Dates:
04/08/97 - 06/29/99

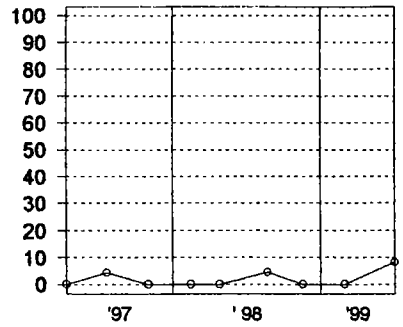
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 22

Sampling Dates:
04/08/97 - 06/29/99

LEGEND:

PARAMETER

o = Date Sampled

◇ NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S. ARMY
FORT MONMOUTH
SELFM-PW-EV

07-26-1999 c:\mtech46\fm\streams\gv ns.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 3RD Quarter Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	4802.03	Aqueous	21-Sept-99 09:33	09/21/99
Stream Site #21	4802.04	Aqueous	21-Sept-99 09:49	09/21/99
Stream Site #20	4802.05	Aqueous	21-Sept-99 09:59	09/21/99
Stream Site #09	4802.06	Aqueous	21-Sept-99 10:08	09/21/99
Stream Site #19	4802.07	Aqueous	21-Sept-99 10:16	09/21/99
Stream Site #12	4802.08	Aqueous	21-Sept-99 10:27	09/21/99
Stream Site #18	4802.09	Aqueous	21-Sept-99 10:36	09/21/99
Stream Site #11	4802.10	Aqueous	21-Sept-99 10:47	09/21/99
Stream Site #15	4802.11	Aqueous	21-Sept-99 10:55	09/21/99
Stream Site #16	4806.03	Aqueous	22-Sept-99 09:07	09/22/99
Stream Site #07	4806.04	Aqueous	22-Sept-99 08:33	09/22/99
Stream Site #04	4806.05	Aqueous	22-Sept-99 08:54	09/22/99
Stream Site #05	4806.06	Aqueous	22-Sept-99 09:00	09/22/99
Stream Site #17	4806.07	Aqueous	22-Sept-99 09:25	09/22/99
Stream Site #03	4806.08	Aqueous	22-Sept-99 09:37	09/22/99
Stream Site #14	4806.09	Aqueous	22-Sept-99 09:46	09/22/99
Stream Site #13	4806.10	Aqueous	22-Sept-99 09:55	09/22/99

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

10/5/99
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X21223
( )DERA ( )OMA ( )Other:_____
Project No:
Location: Streams 3rd Qtr '99 Part I
Samplers Name / Company : Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3	PO_4 SO_4	NO_3	Total Coli	Temp (°C)	pH (SU)	Dissolved O_2 (ppm)	Comments: Remarks / Preservation Method
4802 .01	Trip Blank	9/21/99	0740	AQ	2	✓					—	—	—	Salinity
.02	Field Dupe Blank		—		5	✓	✓	✓	✓	✓	—	—	—	d_{20}^{20} — %
.03	*Stream site #22		0933		5	✓	✓	✓	✓	✓	12.7	6.54	6.71	1.014 / 19 %
.04	#21		0949		5	✓	✓	✓	✓	✓	12.9	6.56	6.89	1.014 d_{20}^{20} / 19 %
.05	#20		0959		5	✓	✓	✓	✓	✓	12.8	6.59	6.87	1.013 d_{20}^{20} / 18 %
.06	#09		1008			✓	✓	✓	✓	✓	12.7	7.35	6.91	1.001 d_{20}^{20} / 2 %
.07	#19		1016			✓	✓	✓	✓	✓	12.6	8.01 (3x)	6.98	1.000 d_{20}^{20} / 0 %
.08	#12		1027			✓	✓	✓	✓	✓	12.7	8.18 (3x)	6.91	1.000 d_{20}^{20} / 0 %
.09	#18		1036			✓	✓	✓	✓	✓	12.8	8.34 (2x)	6.90	1.000 d_{20}^{20} / 0 %
.10	#11		1047			✓	✓	✓	✓	✓	12.5	8.34	7.03	1.000 d_{20}^{20} / 0 %
.11	#15	↓	1055	↓	↓	✓	✓	✓	✓	✓	12.6	7.34	7.09	1.000 d_{20}^{20} / 0 %
.12	Dye	↓	—	↓	↓	✓	—	✓	✓	✓	—	—	—	—

HCl / H_2SO_4 / 4°C

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Corey McCormack	9/21/99 1130	J. Fallon			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: H → outgoing
Re-titrated meter and redid readings at #19 + #12 + #18. #11 Meter ok
Need Rush CPM

print legibly

Coc.doc 8/13/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: K.T. Allen
Phone #: X2(2223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: Streams 3rd Qtr '99 (Part II)

Samplers Name / Company : Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3	PO_4 SO_4	NO_3	Total / Coli	Temp (oC)	pH (SU)	Dsolvd O_2 (mg/l)	Comments: Remarks / Preservation Method
4596 .01	Trip	9/22/99	0740	AQ	2	✓					—	—	—	Salinity
.02	Field Blnk		—		5	✓	✓	✓	✓	✓	—	—	—	—
.03	Stream Site #16		0907			✓	✓	✓	✓	✓	12.7	7.72	6.71	1.006 d_{20}^{20} / 5 %
.04	* #07		0833			✓	✓	✓	✓	✓	12.6	6.57	6.73	1.009 d_{20}^{20} / 8 %
.05	#04		0854			✓	✓	✓	✓	✓	12.5	7.28	6.76	1.0002 d_{20}^{20} / 1 %
.06	#05		0900			✓	✓	✓	✓	✓	12.6	7.55	6.74	1.0004 d_{20}^{20} / 2 %
.07	#17		0925			✓	✓	✓	✓	✓	12.7	7.38	6.77	1.002 d_{20}^{20} / 1 %
.08	#03		0937			✓	✓	✓	✓	✓	12.5	7.29	6.81	1.000 d_{20}^{20} / 0 %
.09	#14		0946			✓	✓	✓	✓	✓	12.4	7.32	6.83	1.000 d_{20}^{20} / 0 %
.10	#13	↓	0955	↓	↓	✓	✓	✓	✓	✓	12.7	7.83	6.71	1.000 d_{20}^{20} / 0 %

HCL / H_2SO_4 / <4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McConnell	9/22/99 1030				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (✓)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 4 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tidal H → outgoing

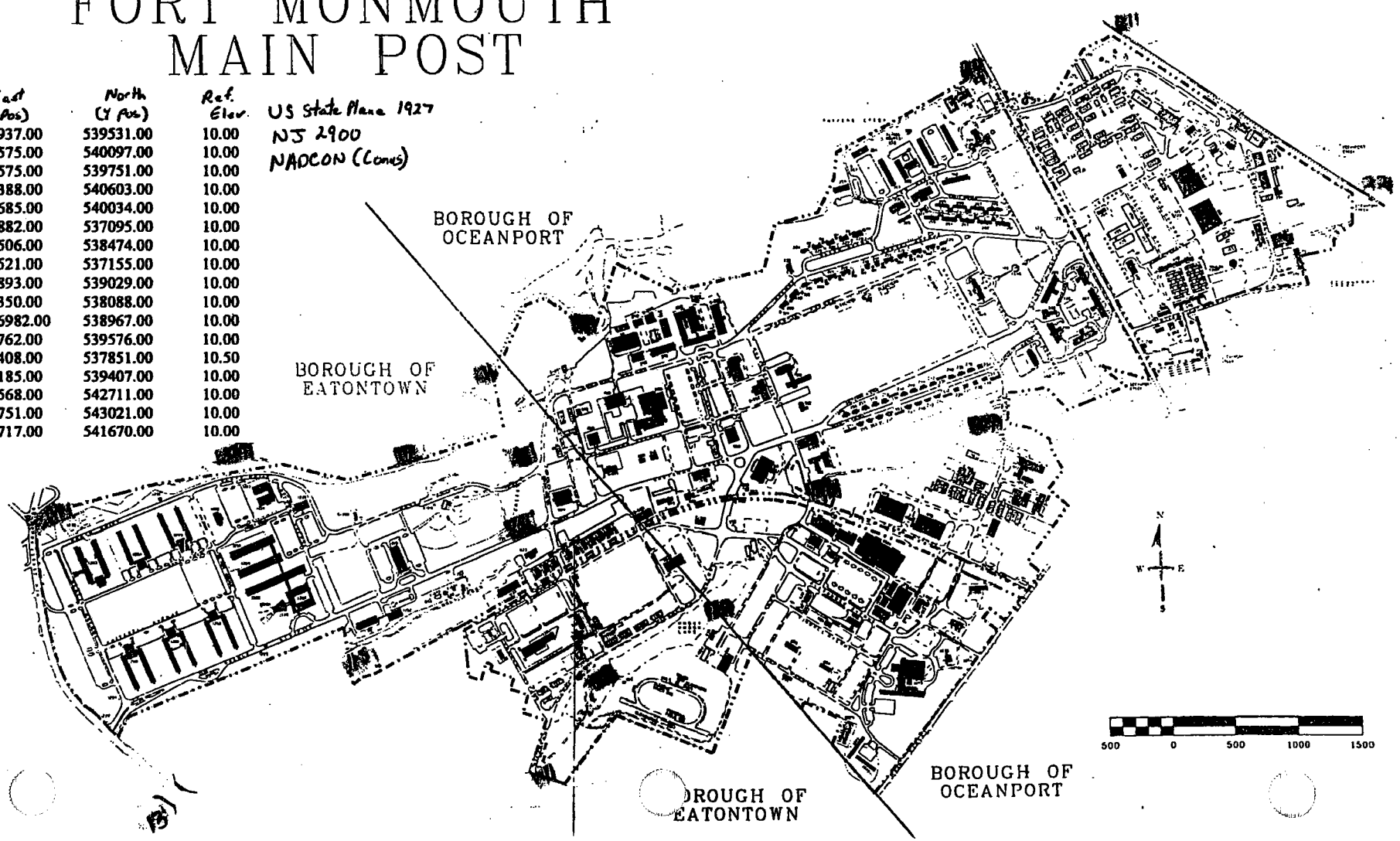
print legibly

Coc.xls8/13/99

FORT MONMOUTH
MAIN POST

Stream #	East (X Pos)	North (Y Pos)	Ref. Elev.
3	2169937.00	539531.00	10.00
4	2171575.00	540097.00	10.00
5	2171575.00	539751.00	10.00
7	2172388.00	540603.00	10.00
9	2175685.00	540034.00	10.00
11	2171882.00	537095.00	10.00
12	2173506.00	538474.00	10.00
13	2168521.00	537155.00	10.00
14	2167893.00	539029.00	10.00
15	2170350.00	538088.00	10.00
16	21716982.00	538967.00	10.00
17	2170762.00	539576.00	10.00
18	2172408.00	537851.00	10.50
19	2174185.00	539407.00	10.00
20	2175568.00	542711.00	10.00
21	2176751.00	543021.00	10.00
22	2178717.00	541670.00	10.00

US State Plane 1927
NJ 2900
NADCON (Conus)



CASE NARRATIVE

Site: Streams

Lab ID: 48021, 4806

The field duplicate, taken on 9/21/99 was performed on Stream Site #22.
The field duplicate, taken on 9/22/99 was performed on Stream Site #07.

VOLATILES

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound identified below detection limit
B	: Compound in both sample and blank
D	: Results from dilution of sample
U	: Compound searched for but not detected
E	: Compound exceeds calibration limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000924.D**	Sample Name	**Vblk31**
Operator	**Skelton**	Field ID	**Vblk31**
Date Acquired	**24 Sep 1999 2:41 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Vblk31**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk31

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000924.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000925.D**	Sample Name	**4802.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**24 Sep 1999 3:23 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000925.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000937.D**	Sample Name	**4806.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**24 Sep 1999 11:29 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.15	65578	1.45 ug/L	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Trip Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000937.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000926.D**	Sample Name	**4802.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**24 Sep 1999 4:04 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Blank**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4802.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000926.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000944.D	Sample Name	4806.08
Operator	Skelton	Field ID	SS#03
Date Acquired	25 Sep 1999 4:10 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#03**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000944.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000941.D	Sample Name	4806.05
Operator	Skelton	Field ID	SS#04
Date Acquired	25 Sep 1999 2:10 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	107275	2.02 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	61303	1.85 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#04**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000941.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000942.D	Sample Name	4806.06
Operator	Skelton	Field ID	SS#05
Date Acquired	25 Sep 1999 2:50 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	100891	1.96 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	60070	1.82 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#05**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000942.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000940.D**	Sample Name	**4806.04**
Operator	**Skelton**	Field ID	**SS#07**
Date Acquired	**25 Sep 1999 1:30 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#07**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000940.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000930.D	Sample Name	4802.06
Operator	Skelton	Field ID	SS#09
Date Acquired	24 Sep 1999 6:46 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	115353	1.91 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#09**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 4802.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000930.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000934.D	Sample Name	4802.10
Operator	Skelton	Field ID	SS#11
Date Acquired	24 Sep 1999 9:28 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	913039	15.62 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#11**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000934.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000932.D	Sample Name	4802.08
Operator	Skelton	Field ID	SS#12
Date Acquired	24 Sep 1999 8:08 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	8.87	94921	9.54 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	217155	3.67 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:25 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#12**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000932.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000946.D	Sample Name	4806.10
Operator	Skelton	Field ID	SS#13
Date Acquired	25 Sep 1999 5:30 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#13**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000946.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000945.D	Sample Name	4806.09
Operator	Skelton	Field ID	SS#14
Date Acquired	25 Sep 1999 4:50 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#14**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000945.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000935.D	Sample Name	4802.11
Operator	Skelton	Field ID	SS#15
Date Acquired	24 Sep 1999 10:09 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	205647	3.59 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.29	53906	1.37 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.30	91261	2.61 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:25 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#15**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000935.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000939.D	Sample Name	4806.03
Operator	Skelton	Field ID	SS#16
Date Acquired	25 Sep 1999 12:50 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	151039	2.74 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	87758	2.63 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#16**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000939.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000943.D**	Sample Name	**4806.07**
Operator	**Skelton**	Field ID	**SS#17**
Date Acquired	**25 Sep 1999 3:30 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.72	55145	1.09 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#17**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000943.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000933.D**	Sample Name	**4802.09**
Operator	**Skelton**	Field ID	**SS#18**
Date Acquired	**24 Sep 1999 8:48 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	274794	4.67 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:25 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#18**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000933.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000931.D**	Sample Name	**4802.07**
Operator	**Skelton**	Field ID	**SS#19**
Date Acquired	**24 Sep 1999 7:27 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	211348	3.53 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:26 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#19**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000931.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000929.D**	Sample Name	**4802.05**
Operator	**Skelton**	Field ID	**SS#20**
Date Acquired	**24 Sep 1999 6:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.84	229047	2.10 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#20**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000929.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000928.D**	Sample Name	**4802.04**
Operator	**Skelton**	Field ID	**SS#21**
Date Acquired	**24 Sep 1999 5:25 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	249767	2.24 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	74580	1.17 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:26 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#21**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000928.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000927.D	Sample Name	4802.03
Operator	Skelton	Field ID	SS#22
Date Acquired	24 Sep 1999 4:45 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.82	93906	0.82 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:26 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **SS#22**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000927.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC000936.D**	Sample Name	**4802.12**
Operator	**Skelton**	Field ID	**Dupe**
Date Acquired	**24 Sep 1999 10:49 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	284403	2.79 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

10/1/99 10:25 AM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4802 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4802.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000936.D

Level: (low/med) LOW Date Received: 9/21/99

% Moisture: not dec. _____ Date Analyzed: 9/24/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC000938.D	Sample Name	4806.02
Operator	Skelton	Field ID	Field Dupe
Date Acquired	25 Sep 1999 12:09 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID: **Field Dupe**

Lab Name: FMETL NJDEP#: 13461

Project: Streams Case No.: 4806 Location: 3rdQtr9 SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 4806.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VC000938.D

Level: (low/med) LOW Date Received: 9/22/99

% Moisture: not dec. _____ Date Analyzed: 9/25/99

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

WET CHEMISTRY

Stream Water Analysis

September 1999

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4802.03	09/21/99	22	12.7	6.54	0.127	4.2	0.17	1200	6.71	4200	280	19
4802.04	09/21/99	21	12.9	6.56	ND	ND	ND	500	6.89	7600	740	19
4802.05	09/21/99	20	12.8	6.59	ND	1.3	0.34	1000	6.87	>20000	980	18
4802.06	09/21/99	09	12.7	7.35	0.296	0.6	0.45	115	6.91	9600	260	2
4802.07	09/21/99	19	12.6	8.01	0.303	0.2	ND	21	6.98	7200	300	0
4802.08	09/21/99	12	12.7	8.18	0.355	0.1	ND	21	6.91	10400	840	0
4802.09	09/21/99	18	12.8	8.39	0.233	0.5	ND	20	6.90	8500	180	0
4802.10	09/21/99	11	12.5	8.34	0.119	0.6	ND	26	7.03	>20000	1760	0
4802.11	09/21/99	15	12.6	7.34	0.587	ND	ND	41	7.04	9100	600	0
4806.03	09/22/99	16	12.7	7.72	0.786	ND	0.10	41	6.71	1300	600	5
4806.04	09/22/99	07	12.6	6.57	0.796	ND	0.20	875	6.73	8500	2100	8
4806.05	09/22/99	04	12.5	7.28	0.714	ND	ND	120	6.76	10200	1360	1
4806.06	09/22/99	05	12.6	7.55	1.40	ND	ND	120	6.74	6300	1020	2
4806.07	09/22/99	17	12.7	7.38	0.741	ND	ND	110	6.77	7800	1660	1
4806.08	09/22/99	03	12.5	7.29	0.541	ND	ND	57	6.81	2120	1040	0
4806.09	09/22/99	14	12.4	7.32	0.816	ND	ND	40	6.83	1820	820	0
4806.10	09/22/99	13	12.7	1.83	0.823	ND	ND	38	6.71	1420	480	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:10/01/99
Reviewed:10/04/99

Daniel K. Wright

Laboratory Director

LTM

	Lab	Methylene Chloride	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	1
04/08/97	FMETL	2.00	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	1.09
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	ND
09/22/99	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

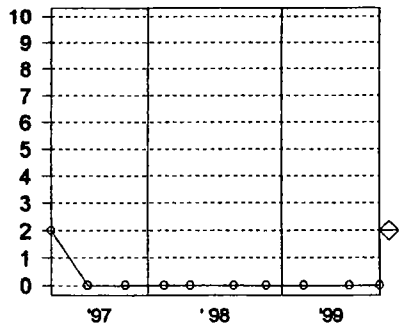
Fort Monmouth

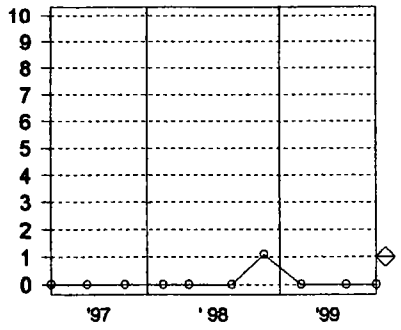
GW Monitoring
Streams

Well 1 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 3

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\[illegible]s.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85
11/17/98	FMETL	1.19	ND	1.62
02/25/99	FMETL	ND	ND	5.61
06/29/99	FMETL	2.41	1.56	5.27
09/22/99	FMETL	2.02	ND	1.85

SOURCE: 4

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

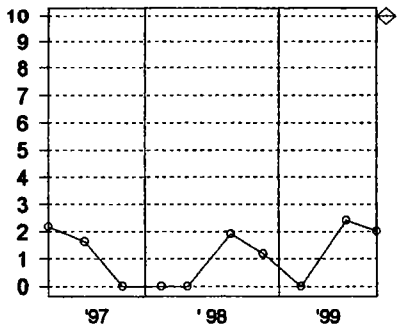
Fort Monmouth

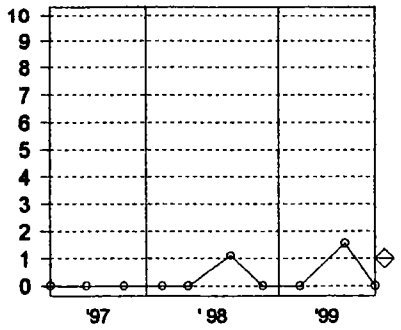
GW Monitoring
Streams

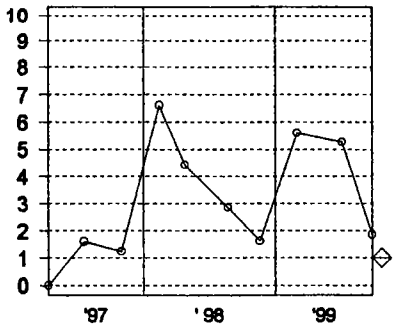
Well 2 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 4

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\s[illegible].wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2	10	1	1
04/08/97	FMETL	1.96	1.80	ND	2.28
07/17/97	FMETL	ND	3.66	ND	3.54
10/30/97	FMETL	ND	1.83	ND	1.70
02/10/98	FMETL	ND	ND	ND	6.34
04/21/98	FMETL	ND	ND	ND	4.48
08/19/98	FMETL	ND	2.28	1.27	3.39
11/17/98	FMETL	ND	1.67	ND	2.17
02/25/99	FMETL	ND	ND	ND	5.45
06/29/99	FMETL	ND	2.74	1.74	6.04
09/22/99	FMETL	ND	1.96	ND	1.82

SOURCE: 5

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

Fort Monmouth

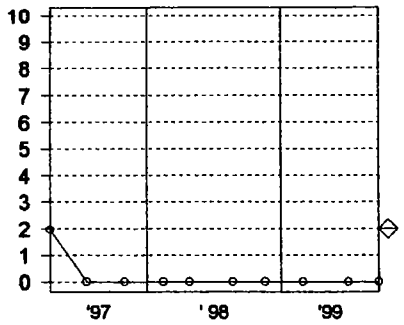
GW Monitoring
Streams

Well 3 of 17

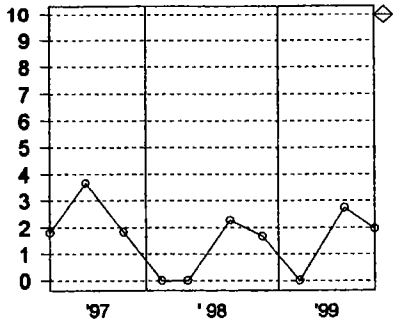
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf

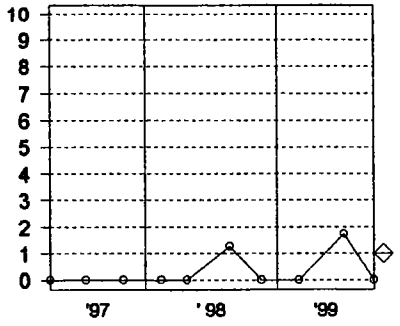
Methylene Chloride
(ug/l)



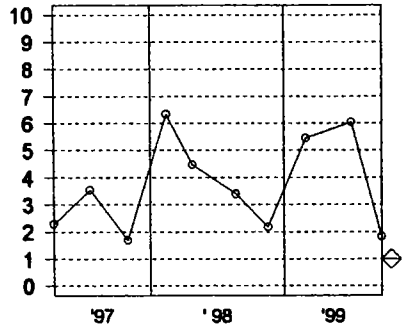
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 5

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\s n.wsf

	Lab	cis-1,2-dichloroethene	Tetrachloroethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700	70
04/08/97	FMETL	ND	ND	ND	ND
07/17/97	FMETL	1.14	1.08	ND	ND
10/30/97	FMETL	ND	ND	ND	ND
02/10/98	FMETL	ND	2.04	ND	ND
04/21/98	FMETL	ND	2.40	ND	ND
08/19/98	FMETL	ND	ND	ND	ND
11/17/98	FMETL	ND	ND	ND	ND
02/25/99	FMETL	ND	2.85	ND	ND
06/29/99	FMETL	ND	1.42	2.94	2.00
09/22/99	FMETL	ND	ND	ND	ND

SOURCE: 7

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

Fort Monmouth

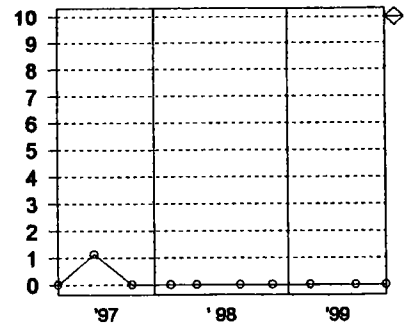
GW Monitoring
Streams

Well 4 of 17

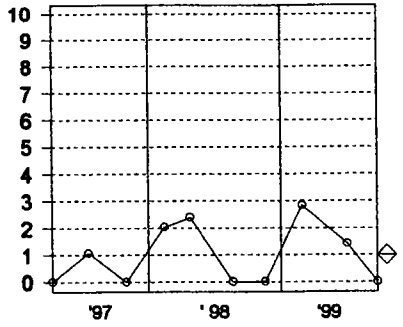
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\vmtech46\fm\streams\gw\streams.wsf

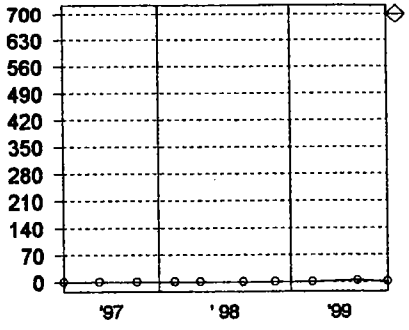
cis-1,2-Dichloroethene (ug/l)



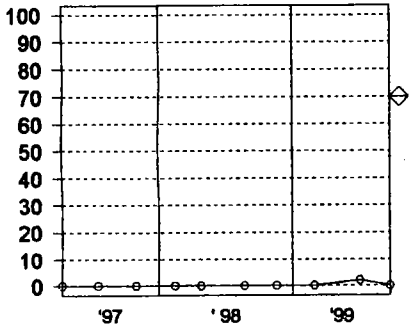
Tetrachloroethene (ug/l)



Acetone (ug/l)



Methyl-tert-Butyl Ether (ug/l)



SOURCE: 7

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-08-1999 x:\mtech46\fm\streams\gw\ .wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2	10	700
04/08/97	FMETL	1.82	2.78	ND
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	ND	2.14	ND
02/10/98	FMETL	ND	6.00	ND
04/21/98	FMETL	ND	4.73	ND
08/19/98	FMETL	ND	1.69	ND
11/17/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	1.78	ND
06/29/99	FMETL	ND	ND	2.50
09/21/99	FMETL	ND	1.91	ND

SOURCE: 9

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

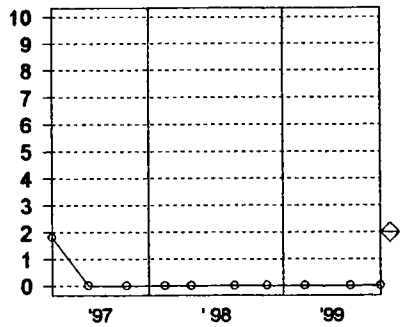
Fort Monmouth

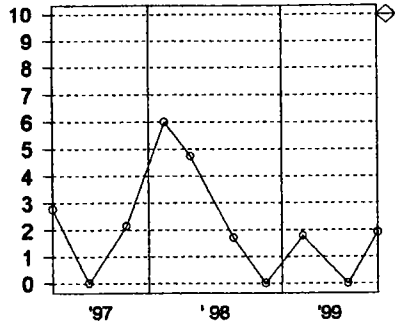
GW Monitoring
Streams

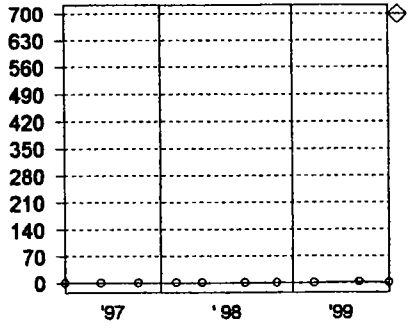
Well 5 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 9

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\vmtech46\fm\streams\gw ns.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	1
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND
11/18/98	FMETL	8.82	ND
02/25/99	FMETL	9.11	ND
06/29/99	FMETL	5.77	ND
09/21/99	FMETL	15.62	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

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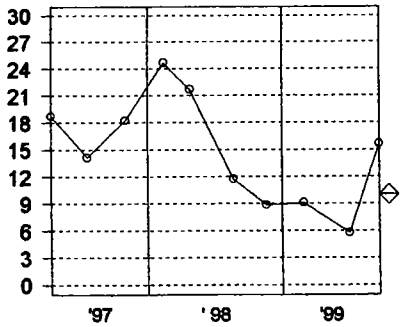
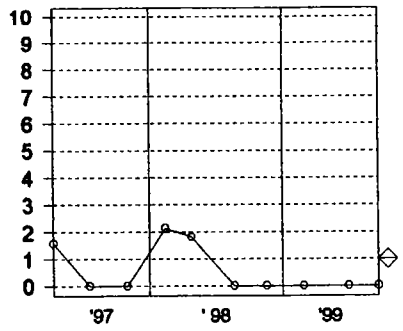
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 11

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	700
04/08/97	FMETL	6.63	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	5.67	ND
02/10/98	FMETL	6.54	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	4.58	ND
11/18/98	FMETL	2.48	ND
02/25/99	FMETL	1.80	ND
06/29/99	FMETL	1.39	ND
09/21/99	FMETL	3.67	9.54

SOURCE: 12

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

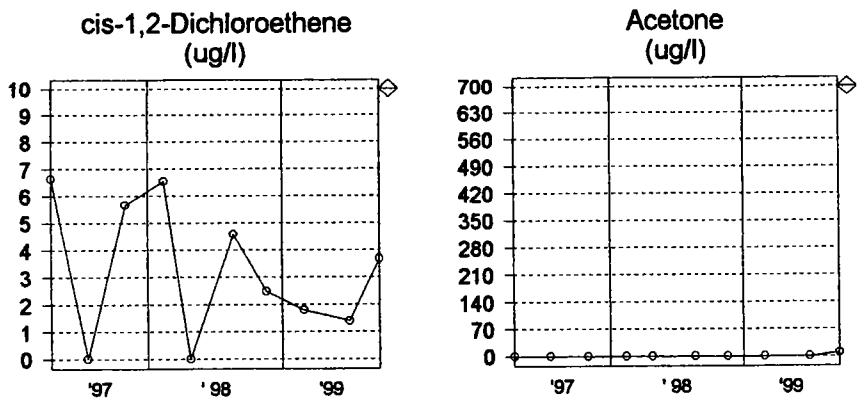
Fort Monmouth

GW Monitoring
Streams

Well 7 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 12

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streamsV[illegible]ms.wsf

	Lab	Methylene Chloride	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2	700
04/08/97	FMETL	1.91	2.81
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	ND
09/22/99	FMETL	ND	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

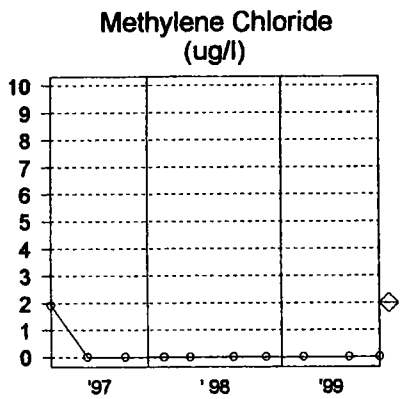
Fort Monmouth

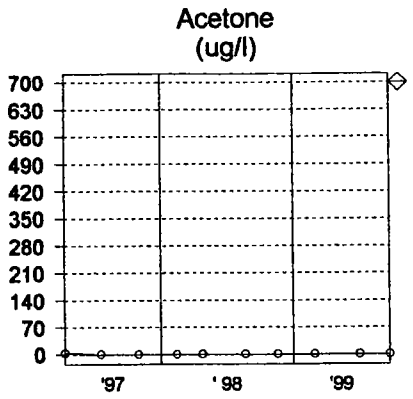
GW Monitoring
Streams

Well 8 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\vntech46\fm\streams\gw\streams.wsf





SOURCE: 13

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw ms.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	700
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	3.32
02/25/99	FMETL	ND	ND	ND
06/29/99	FMETL	ND	ND	ND
09/22/99	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

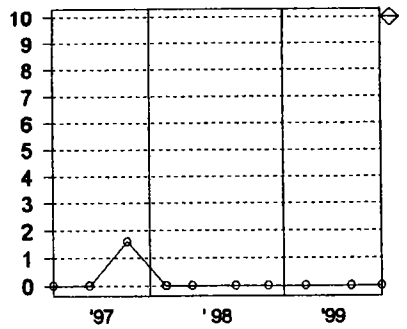
Fort Monmouth

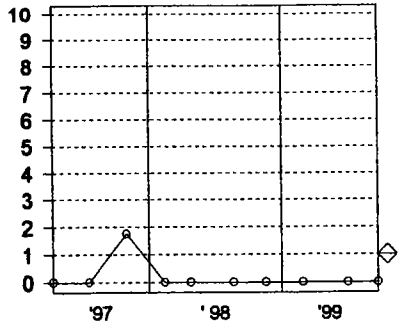
GW Monitoring
Streams

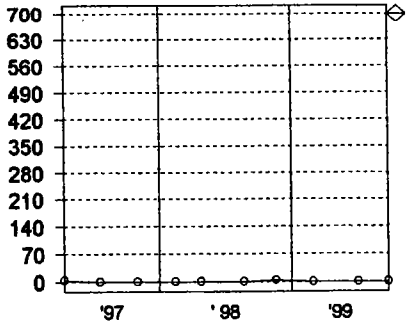
Well 9 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 14

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\ ns.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39
11/18/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	7.33
06/29/99	FMETL	4.17	2.40	7.86
09/21/99	FMETL	3.59	1.37	2.61

SOURCE: 15

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

Fort Monmouth

GW Monitoring
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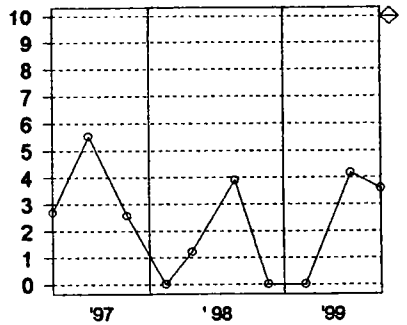
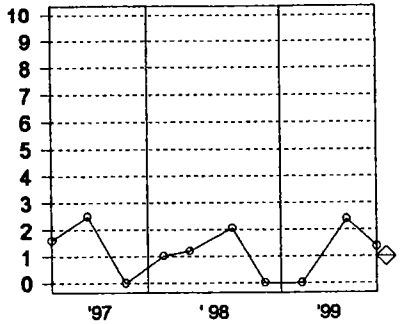
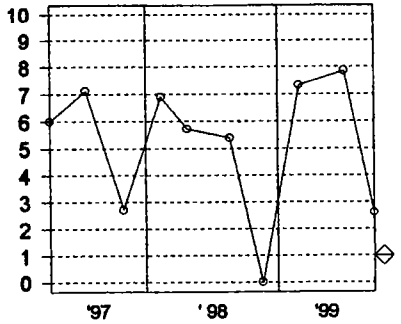
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 15

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\ ms.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33
11/18/98	FMETL	ND	ND	1.48
02/25/99	FMETL	ND	ND	6.06
06/29/99	FMETL	3.56	2.25	7.70
09/22/99	FMETL	2.74	ND	2.63

SOURCE: 16

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

Fort Monmouth

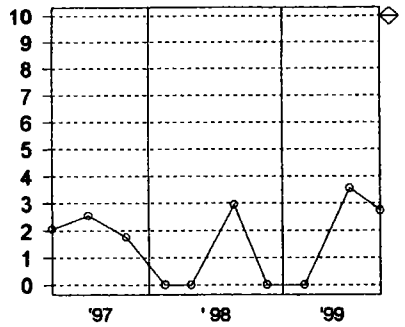
GW Monitoring
Streams

Well 11 of 17

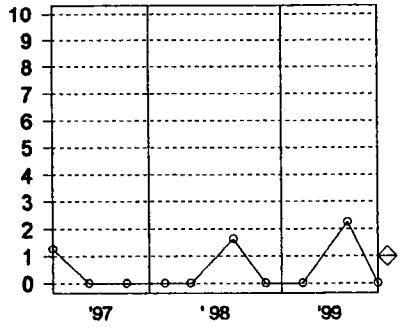
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf

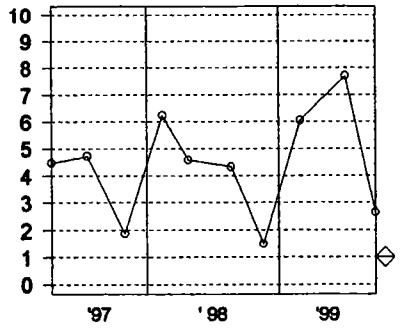
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-08-1999 x:\mtech46\fm\streams\gw[illegible]s.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	10	1	1	700	4
04/08/97	FMETL	ND	ND	ND	1.97	ND
07/17/97	FMETL	ND	ND	ND	ND	ND
10/30/97	FMETL	ND	ND	ND	ND	ND
02/10/98	FMETL	ND	ND	ND	ND	1.59
04/21/98	FMETL	ND	ND	ND	ND	ND
08/19/98	FMETL	ND	ND	ND	ND	ND
11/18/98	FMETL	4.43	2.12	5.09	ND	ND
02/25/99	FMETL	ND	ND	ND	ND	ND
06/29/99	FMETL	ND	ND	ND	ND	ND
09/22/99	FMETL	1.09	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 09/22/99

NOTES:

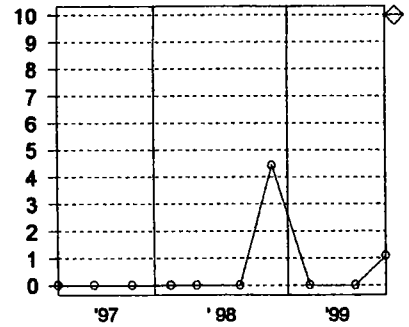
Fort Monmouth

GW Monitoring
Streams

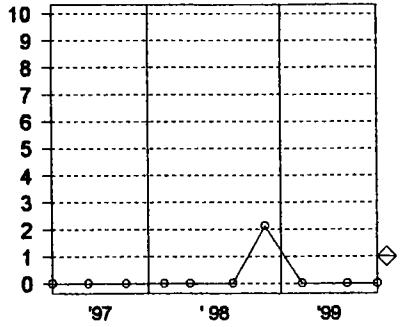
Well 12 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

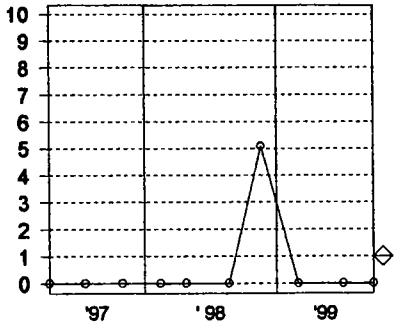
cis-1,2-Dichloroethene
(ug/l)



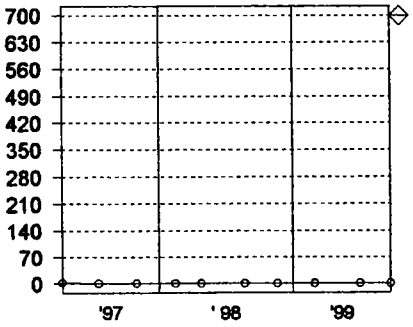
Trichloroethene
(ug/l)



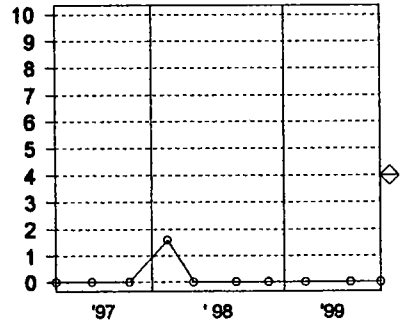
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 17

Sampling Dates:
04/08/97 - 09/22/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw ns.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65
11/18/98	FMETL	3.18
02/25/99	FMETL	3.95
06/29/99	FMETL	1.47
09/21/99	FMETL	4.67

SOURCE: 18

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

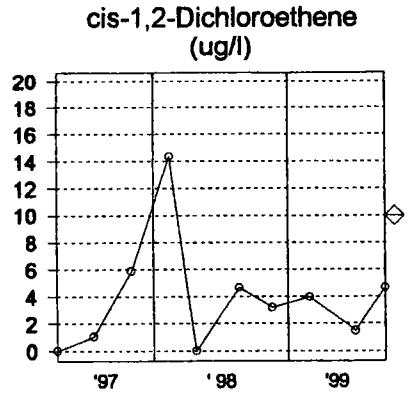
Fort Monmouth

GW Monitoring
Streams

Well 13 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 18

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\ .wsf

	Lab	cis-1,2-dichloroethene
Units:	-	ug/l
NJDEP Criteria:	-	10
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95
11/17/98	FMETL	2.3
02/25/99	FMETL	2.30
06/29/99	FMETL	ND
09/21/99	FMETL	3.53

SOURCE: 19

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

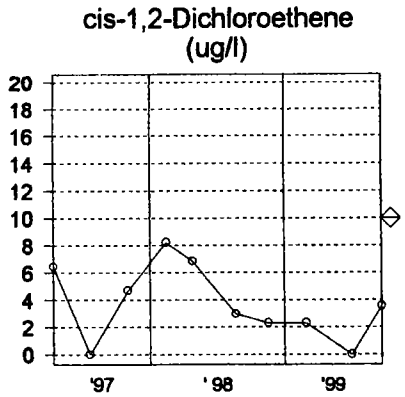
Fort Monmouth

GW Monitoring
Streams

Well 14 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 19

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-08-1999 x:\mtech46\fm\streams\g ms.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	700	70
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	5.70
09/21/99	FMETL	ND	2.10

SOURCE: 20

Sampling Dates:
04/08/97 - 09/21/99

NOTES:

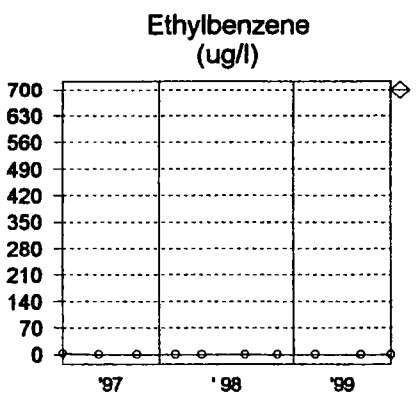
Fort Monmouth

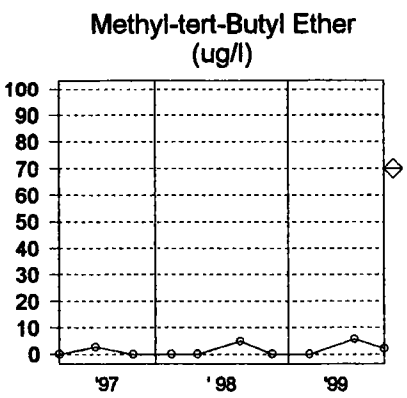
GW Monitoring
Streams

Well 15 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 20

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech46\fm\streams\gw\s...s.wsf

	Lab	cis-1,2-di chloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	10	70
04/08/97	FMETL	ND	ND
07/17/97	FMETL	ND	2.90
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.71
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	7.40
09/21/99	FMETL	1.17	2.24

SOURCE: 21

Sampling Dates:
04/08/97 - 09/21/99

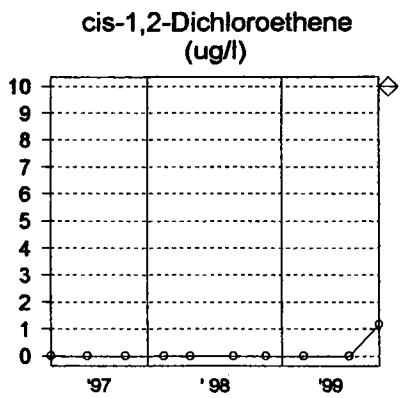
NOTES:

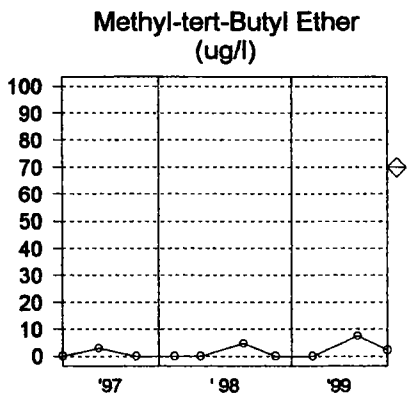
Fort Monmouth

GW Monitoring
Streams

Well 16 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 21

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

10-06-1999 x:\mtech48\fm\streams\g...s.wsf

	Lab	Methyl-tert Butyl ether
Units:	-	ug/l
NJDEP Criteria:	-	70
04/08/97	FMETL	ND
07/17/97	FMETL	4.26
10/30/97	FMETL	ND
02/10/98	FMETL	ND
04/21/98	FMETL	ND
08/19/98	FMETL	4.50
11/17/98	FMETL	ND
02/25/99	FMETL	ND
06/29/99	FMETL	8.30
09/21/99	FMETL	0.82

SOURCE: 22

Sampling Dates:
04/08/97 - 09/21/99

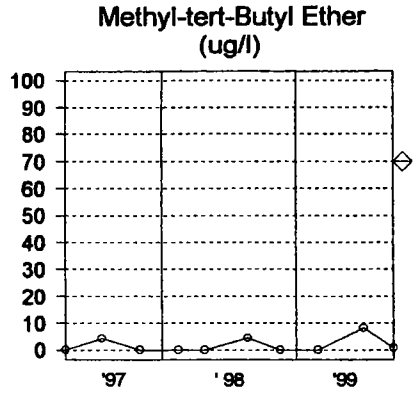
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 22

Sampling Dates:
04/08/97 - 09/21/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: 4th Quarter Streams

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Trip Blank	4997.01	Aqueous	08-Dec-99	12/08/99
Field Blank	4997.02	Aqueous	08-Dec-99 08:21	12/08/99
Stream-Site #22	4997.04	Aqueous	08-Dec-99 08:40	12/08/99
Stream-Site #21	4997.05	Aqueous	08-Dec-99 08:48	12/08/99
Stream-Site #20	4997.06	Aqueous	08-Dec-99 08:56	12/08/99
Stream-Site #09	4997.07	Aqueous	08-Dec-99 09:06	12/08/99
Stream-Site #19	4997.08	Aqueous	08-Dec-99 09:15	12/08/99
Stream-Site #07	4997.09	Aqueous	08-Dec-99 09:23	12/08/99
Stream-Site #04	4997.10	Aqueous	08-Dec-99 09:34	12/08/99
Stream-Site #05	4997.11	Aqueous	08-Dec-99 09:47	12/08/99
Stream-Site #16	4997.12	Aqueous	08-Dec-99 09:58	12/08/99
Stream-Site #17	4997.13	Aqueous	08-Dec-99 10:07	12/08/99
Stream-Site #03	4997.14	Aqueous	08-Dec-99 10:19	12/08/99
Stream-Site #14	4997.15	Aqueous	08-Dec-99 10:22	12/08/99
Stream-Site #13	4997.16	Aqueous	08-Dec-99 10:34	12/08/99
Stream-Site #15	4997.17	Aqueous	08-Dec-99 10:41	12/08/99
Stream-Site #11	4997.18	Aqueous	08-Dec-99 10:53	12/08/99
Stream-Site #18	4997.19	Aqueous	08-Dec-99 11:02	12/08/99
Stream-Site #12	4997.20	Aqueous	08-Dec-99 11:15	12/08/99

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

1-24-00

Daniel Wright/Date
Laboratory Director

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:

Project No:
Location: 4th Qtr Streams '99

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	PO_4 / SO_4	NH_3 / NO_3	Total Cd	pH	Temp	Salinity	% D.O.	Remarks / Preservation Method
49971. .01	Trip	12/8/99	0738	AQ	2	✓						—	—	
.02	Field Blank		0821		4	✓	✓	✓	N/A			—	—	Dissolved O_2
.03	Dupe		—		5	✓	✓	✓	✓			—	—	
.04	* Stream site # 22		0840		5	✓	✓	✓	✓	6.66	12.8	1.014	19%	6.92
.05	# 21		0848		5	✓	✓	✓	✓	6.69	12.7	1.014	19%	6.87
.06	# 20		0856			✓	✓	✓	✓	6.67	12.6	1.014	19%	6.89
.07	# 09		0906			✓	✓	✓	✓	7.23	12.5	1.001	2%	6.97
.08	# 19		0915			✓	✓	✓	✓	7.29	12.5	1.000	0%	6.99
.09	# 07		0923			✓	✓	✓	✓	6.65	12.5	1.007	6%	6.87
.10	# 04		0934			✓	✓	✓	✓	7.30	12.5	1.002	1%	6.89
.11	# 05		0947			✓	✓	✓	✓	7.25	12.5	1.003	1%	6.93
.12	# 16		0958			✓	✓	✓	✓	7.35	12.4	1.005	4%	6.85
.13	# 17		1007			✓	✓	✓	✓	7.31	12.3	1.002	1%	6.97
.14	# 03		1019			✓	✓	✓	✓	7.27	12.4	1.000	0%	6.94

Comments: HCL/H_2SO_4/<4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/8/99 1130				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: H → outgoing
Site # 09 where Stream work occuring. cpm

print legibly

Coc.xls9/29/99

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:appleby@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:_____

Project No:
Location: 4th Qtr Streams '99

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	PO_4 / SO_4	NH_3 / NO_3	Total Col.	pH	Temp	Salinity	% 20/40	Comments: HCL/H_2SO_4/4°C Remarks / Preservation Method
4907.15	Stream site #14	12/8/99	1022	AQ	5	✓	✓	✓	✓	7.24	12.3	1.000	0%	6.93
.16	#13		1034		5	✓	✓	✓	✓	7.40	12.3	1.000	0%	6.80
.17	#15		1041		5	✓	✓	✓	✓	7.29	12.3	1.000	0%	7.03
.18	#11		1053			✓	✓	✓	✓	7.45	12.2	1.000	0%	7.04
.19	#18		1102			✓	✓	✓	✓	7.43	12.4	1.000	0%	7.03
.20	#12		1115			✓	✓	✓	✓	7.41	12.3	1.000	0%	7.05

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	12/8/99 1130				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H->O

print legibly

11/1/99

VOLATILES

US ARMY FT. MONMOUTH ENVIRONMENTAL LABORATORY
NJDEPE # 13461

Definition of Qualifiers

MDL	: Method Detection Limit
J	: Compound identified below detection limit
B	: Compound in both sample and blank
D	: Results from dilution of sample
U	: Compound searched for but not detected
E	: Compound exceeds calibration limit

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001540.D	Sample Name	Vblk41
Operator	Skelton	Field ID	Vblk41
Date Acquired	13 Dec 1999 5:42 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/3/00 3:03 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001540.D	Sample Name	Vblk41
Operator	Skelton	Field ID	Vblk41
Date Acquired	13 Dec 1999 5:42 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005103.D	Sample Name	Vblk155
Operator	Skelton	Field ID	Vblk155
Date Acquired	11 Dec 1999 9:47 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005103.D	Sample Name	Vblk155
Operator	Skelton	Field ID	Vblk155
Date Acquired	11 Dec 1999 9:47 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005120.D	Sample Name	4997.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	11 Dec 1999 9:26 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005120.D	Sample Name	4997.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	11 Dec 1999 9:26 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9[illegible]

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB005121.D**	Sample Name	**4997.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**11 Dec 1999 10:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005121.D	Sample Name	4997.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	11 Dec 1999 10:06 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005122.D	Sample Name	4997.03
Operator	Skelton	Field ID	Dupe
Date Acquired	11 Dec 1999 10:46 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.16	183389	33.40 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/3/00 3:13 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005122.D	Sample Name	4997.03
Operator	Skelton	Field ID	Dupe
Date Acquired	11 Dec 1999 10:46 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone	9.16	183389	33.40 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB005123.D**
Operator **Skelton**
Date Acquired **11 Dec 1999 11:25 pm**

Sample Name **4997.04**
Field ID **StreamSite #22**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.15	178760	32.77 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB005124.D	Sample Name	4997.05
Operator	Skelton	Field ID	StreamSite #21
Date Acquired	12 Dec 1999 12:05 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	9.15	147682	27.52 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC001541.D**
Operator **Skelton**
Date Acquired **13 Dec 1999 6:22 pm**

Sample Name **4997.06**
Field ID **StreamSite#20**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001542.D	Sample Name	4997.07
Operator	Skelton	Field ID	StreamSite#09
Date Acquired	13 Dec 1999 7:01 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone	8.87	84475	25.08 ug/L	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC001543.D**	Sample Name	**4997.08**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**13 Dec 1999 7:41 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	80915	2.60 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001544.D	Sample Name	4997.09
Operator	Skelton	Field ID	StreamSite#07
Date Acquired	13 Dec 1999 8:21 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001545.D	Sample Name	4997.10
Operator	Skelton	Field ID	StreamSite#04
Date Acquired	13 Dec 1999 9:01 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001546.D	Sample Name	4997.11
Operator	Skelton	Field ID	StreamSite#05
Date Acquired	13 Dec 1999 9:41 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	50012	1.60 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	93521	3.82 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC001547.D**
Operator **Skelton**
Date Acquired **13 Dec 1999 10:20 pm**

Sample Name **4997.12**
Field ID **StreamSite#16**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	53751	1.79 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	98836	4.13 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001548.D	Sample Name	4997.13
Operator	Skelton	Field ID	StreamSite#17
Date Acquired	13 Dec 1999 11:00 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001549.D	Sample Name	4997.14
Operator	Skelton	Field ID	StreamSite#03
Date Acquired	13 Dec 1999 11:40 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001550.D	Sample Name	4997.15
Operator	Skelton	Field ID	StreamSite#14
Date Acquired	14 Dec 1999 12:19 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	338822	11.26 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001551.D	Sample Name	4997.16
Operator	Skelton	Field ID	StreamSite#13
Date Acquired	14 Dec 1999 12:59 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	96103	1.80 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	95065	3.94 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001552.D	Sample Name	4997.17
Operator	Skelton	Field ID	StreamSite#15
Date Acquired	14 Dec 1999 1:39 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	96087	4.08 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC001553.D**
Operator **Skelton**
Date Acquired **14 Dec 1999 2:19 am**

Sample Name **4997.18**
Field ID **StreamSite#11**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	347289	11.90 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/3/00 3:04 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC001554.D	Sample Name	4997.19
Operator	Skelton	Field ID	StreamSite#18
Date Acquired	14 Dec 1999 2:58 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	146136	4.90 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1/3/00 3:04 PM

C:\HPCHEM\Custrpt\Volatile\FRESHWATER.CRT

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC001555.D**
Operator **Skelton**
Date Acquired **14 Dec 1999 3:38 am**

Sample Name **4997.20**
Field ID **StreamSite#12**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	84452	2.74 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

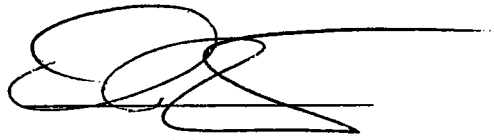
WET CHEMISTRY

Stream Water Analysis
December 1999

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
4997.04	12/08/99	22	12.8	6.66	ND	0.2	ND	1900	6.92	360	ND	19
4997.05	12/08/99	21	12.7	6.69	0.200	ND	ND	1700	6.87	480	ND	19
4997.06	12/08/99	20	12.6	6.67	ND	ND	ND	1700	6.89	640	40	19
4997.07	12/08/99	09	12.5	7.23	ND	0.3	ND	1750	6.97	580	40	2
4997.08	12/08/99	19	12.5	7.29	ND	0.2	ND	23	6.99	7800	840	0
4997.09	12/08/99	07	12.5	6.65	0.437	ND	ND	950	6.87	820	40	6
4997.10	12/08/99	04	12.5	7.30	0.444	ND	ND	140	6.89	1240	260	1
4997.11	12/08/99	05	12.5	7.25	0.202	0.6	ND	29	6.93	960	100	1
4997.12	12/08/99	16	12.4	7.35	0.232	0.3	ND	29	6.85	1020	100	4
4997.13	12/08/99	17	12.3	7.31	0.270	0.3	ND	42	6.97	1660	240	1
4997.14	12/08/99	03	12.4	7.27	0.265	0.2	ND	46	6.94	1760	140	0
4997.15	12/08/99	14	12.3	7.24	ND	1.7	ND	24	6.93	1460	380	0
4997.16	12/08/99	13	12.3	7.40	1.93	0.3	ND	28	6.80	1020	240	0
4997.17	12/08/99	15	12.3	7.29	2.00	0.4	ND	27	7.03	1400	120	0
4997.18	12/08/99	11	12.2	7.45	ND	1.8	ND	24	7.04	1620	220	0
4997.19	12/08/99	18	12.4	7.43	ND	1.0	ND	23	7.03	2180	700	0
4997.20	12/08/99	12	12.3	7.41	0.102	0.6	ND	25	7.05	5300	880	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:12/9/99
Reviewed: 12/9/99



Daniel K. Wright

Laboratory Director

LTM

	Lab	Methylene Chloride	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2.49	0.388
04/08/97	FMETL	2.00	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	ND
11/18/98	FMETL	ND	1.09
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	ND
09/22/99	FMETL	ND	ND
12/09/99	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

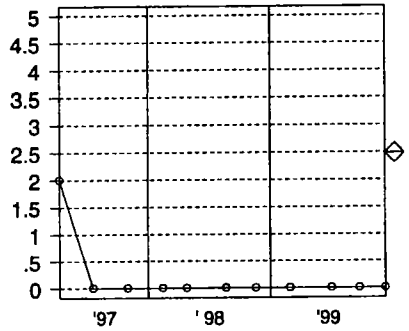
Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

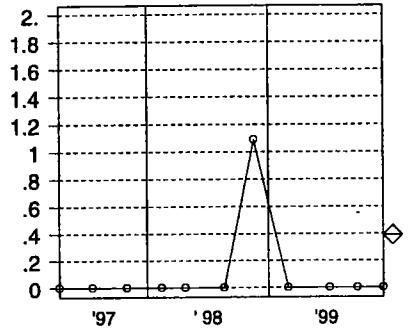
Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 3

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream treams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	1.09
04/08/97	FMETL	18.72	1.58
07/17/97	FMETL	14.13	ND
10/30/97	FMETL	18.23	ND
02/10/98	FMETL	24.71	2.14
04/21/98	FMETL	21.66	1.82
08/19/98	FMETL	11.73	ND
11/18/98	FMETL	8.82	ND
02/25/99	FMETL	9.11	ND
06/29/99	FMETL	5.77	ND
09/21/99	FMETL	15.62	ND
12/09/99	FMETL	11.90	ND

SOURCE: 11

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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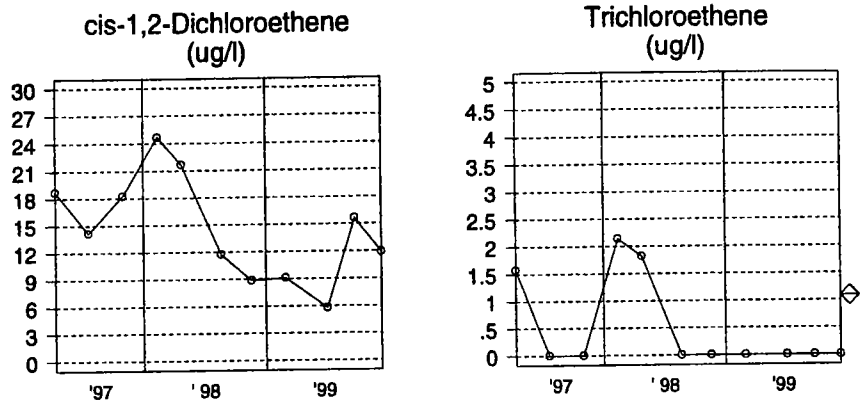
Fort Monmouth

GW Monitoring
Streams

Well 6 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf



SOURCE: 11

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/97	FMETL	6.63	ND
07/17/97	FMETL	ND	ND
10/30/97	FMETL	5.67	ND
02/10/98	FMETL	6.54	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	4.58	ND
11/18/98	FMETL	2.48	ND
02/25/99	FMETL	1.80	ND
06/29/99	FMETL	1.39	ND
09/21/99	FMETL	3.67	9.54
12/09/99	FMETL	2.74	ND

SOURCE: 12

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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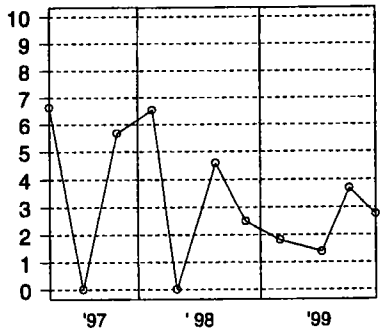
Fort Monmouth

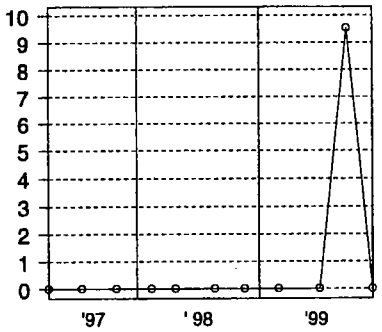
GW Monitoring
Streams

Well 7 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 12

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]eams.wsf

	Lab	Methylene Chloride	Tetrachloroethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	1	-
04/08/97	FMETL	1.91	ND	2.81
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	ND	ND	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	ND
06/29/99	FMETL	ND	ND	ND
09/22/99	FMETL	ND	ND	ND
12/09/99	FMETL	ND	3.94	ND

SOURCE: 13

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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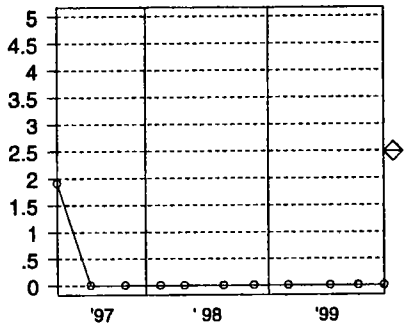
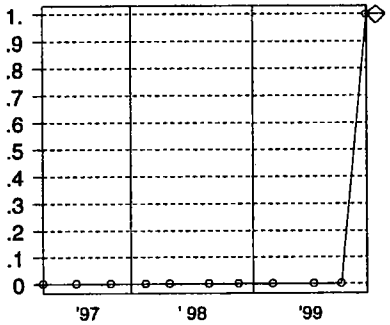
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf

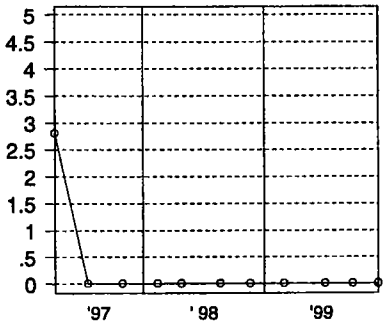
Methylene Chloride
(ug/l)



Tetrachloroethene
(ug/l)



Acetone
(ug/l)



SOURCE: 13

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\strea streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-
04/08/97	FMETL	ND	ND	3.94
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	1.59	1.75	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	ND
11/18/98	FMETL	ND	ND	3.32
02/25/99	FMETL	ND	ND	ND
06/29/99	FMETL	ND	ND	ND
09/22/99	FMETL	ND	ND	ND
12/09/99	FMETL	11.26	ND	ND

SOURCE: 14

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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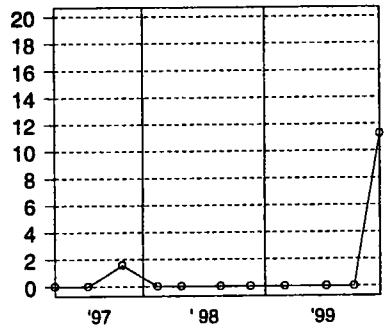
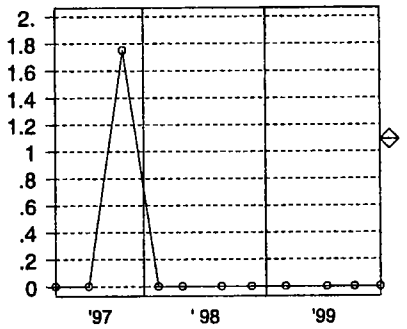
Fort Monmouth

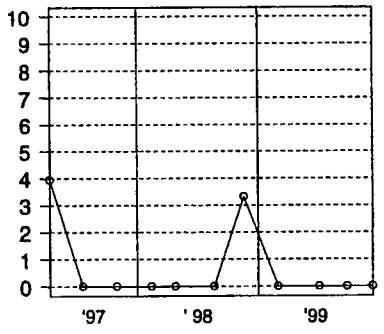
GW Monitoring
Streams

Well 9 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 14

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]reams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	1
04/08/97	FMETL	2.69	1.60	6.00
07/17/97	FMETL	5.53	2.50	7.12
10/30/97	FMETL	2.57	ND	2.72
02/10/98	FMETL	ND	1.03	6.90
04/21/98	FMETL	1.22	1.21	5.72
08/19/98	FMETL	3.89	2.06	5.39
11/18/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	7.33
06/29/99	FMETL	4.17	2.40	7.86
09/21/99	FMETL	3.59	1.37	2.61
12/09/99	FMETL	ND	ND	4.08

SOURCE: 15

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

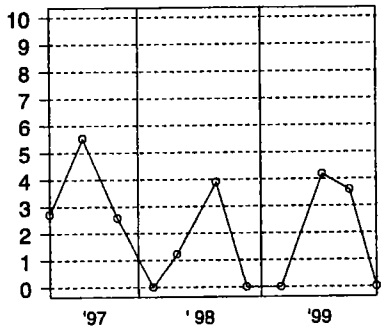
PAGE 1 OF 1

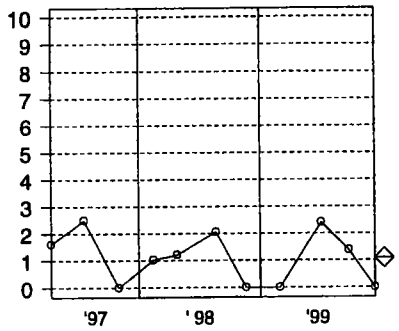
Fort Monmouth

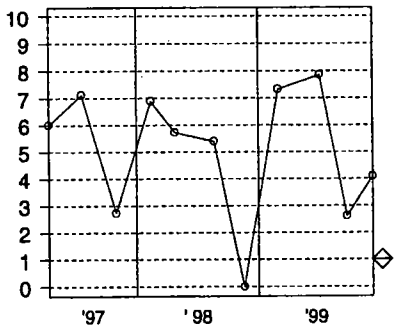
GW Monitoring
Streams

Well 10 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 15

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\strea[illegible]treams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	-
04/08/97	FMETL	ND
07/17/97	FMETL	1.06
10/30/97	FMETL	5.87
02/10/98	FMETL	14.36
04/21/98	FMETL	ND
08/19/98	FMETL	4.65
11/18/98	FMETL	3.18
02/25/99	FMETL	3.95
06/29/99	FMETL	1.47
09/21/99	FMETL	4.67
12/09/99	FMETL	4.90

SOURCE: 18

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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SELFM-PW-EV

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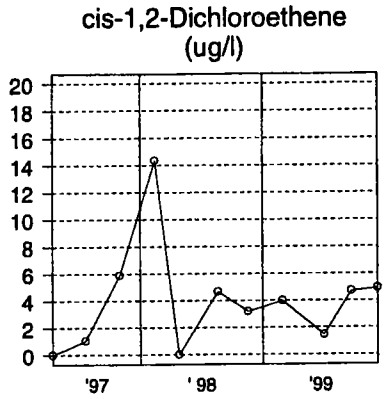


SOURCE: 18

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\strear streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29
04/08/97	FMETL	2.18	ND	ND
07/17/97	FMETL	1.63	ND	1.61
10/30/97	FMETL	ND	ND	1.24
02/10/98	FMETL	ND	ND	6.61
04/21/98	FMETL	ND	ND	4.42
08/19/98	FMETL	1.92	1.10	2.85
11/17/98	FMETL	1.19	ND	1.62
02/25/99	FMETL	ND	ND	5.61
06/29/99	FMETL	2.41	1.56	5.27
09/22/99	FMETL	2.02	ND	1.85
12/09/99	FMETL	ND	ND	ND

SOURCE: 4

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

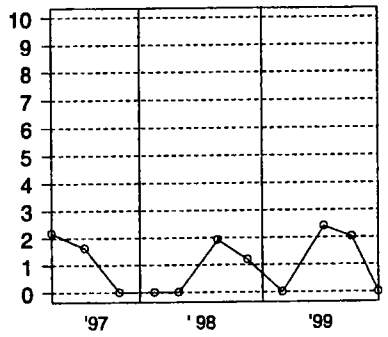
PAGE 1 OF 1

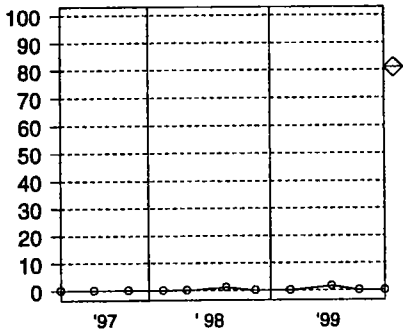
Fort Monmouth

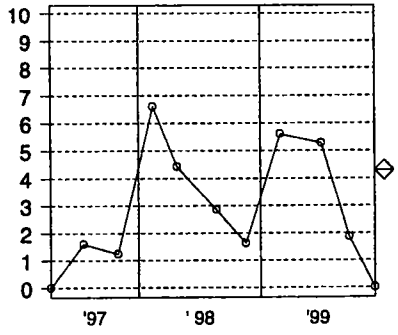
GW Monitoring
Streams

Well 2 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 4

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\str\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methylene Chloride
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	1600
04/08/97	FMETL	1.80	ND	2.28	1.96
07/17/97	FMETL	3.66	ND	3.54	ND
10/30/97	FMETL	1.83	ND	1.70	ND
02/10/98	FMETL	ND	ND	6.34	ND
04/21/98	FMETL	ND	ND	4.48	ND
08/19/98	FMETL	2.28	1.27	3.39	ND
11/17/98	FMETL	1.67	ND	2.17	ND
02/25/99	FMETL	ND	ND	5.45	ND
06/29/99	FMETL	2.74	1.74	6.04	ND
09/22/99	FMETL	1.96	ND	1.82	ND
12/09/99	FMETL	1.60	ND	3.82	ND

SOURCE: 5

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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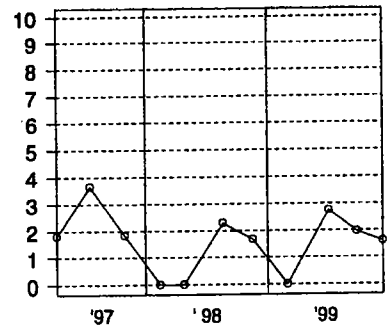
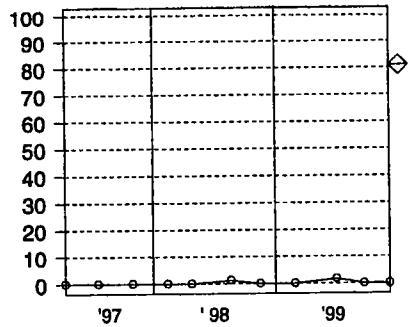
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf

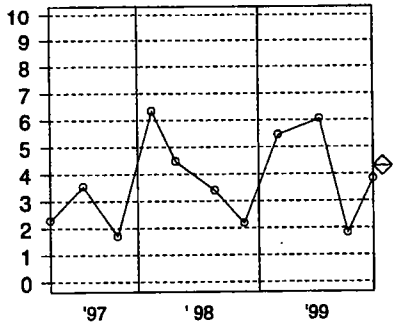
cis-1,2-Dichloroethene (ug/l)



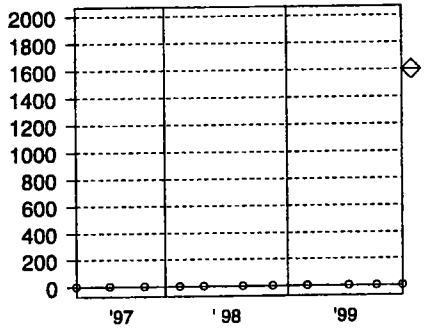
Trichloroethene (ug/l)



Tetrachloroethene (ug/l)



Methylene Chloride (ug/l)



SOURCE: 5

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\ \reams.wsf

	Lab	cis-1,2-di chloro ethene	Tetrachloro ethene	Acetone	Methylene Chloride
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	4.29	-	1600
04/08/97	FMETL	ND	ND	ND	ND
07/17/97	FMETL	1.14	1.08	ND	ND
10/30/97	FMETL	ND	ND	ND	ND
02/10/98	FMETL	ND	2.04	ND	ND
04/21/98	FMETL	ND	2.40	ND	ND
08/19/98	FMETL	ND	ND	ND	ND
11/17/98	FMETL	ND	ND	ND	ND
02/25/99	FMETL	ND	2.85	ND	ND
06/29/99	FMETL	ND	1.42	2.94	ND
09/22/99	FMETL	ND	ND	ND	ND
12/09/99	FMETL	ND	ND	ND	ND

SOURCE: 7

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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FORT MONMOUTH
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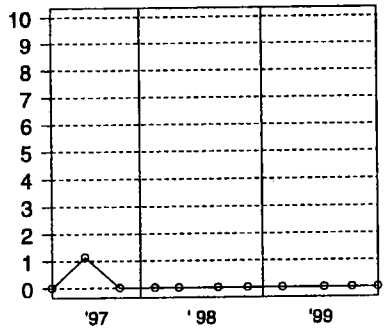

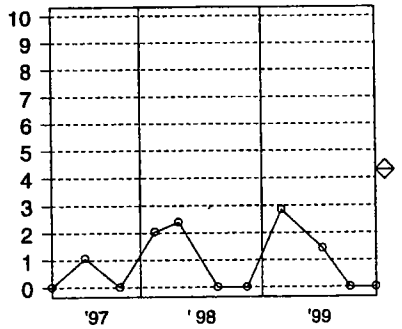

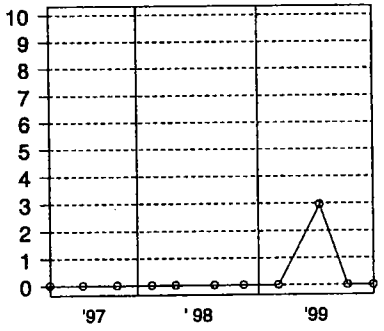

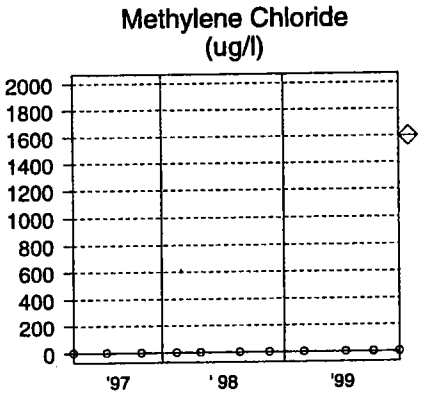

SOURCE: 7

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]eams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	-
04/08/97	FMETL	1.82	2.78	ND
07/17/97	FMETL	ND	ND	ND
10/30/97	FMETL	ND	2.14	ND
02/10/98	FMETL	ND	6.00	ND
04/21/98	FMETL	ND	4.73	ND
08/19/98	FMETL	ND	1.69	ND
11/17/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	1.78	ND
06/29/99	FMETL	ND	ND	2.50
09/21/99	FMETL	ND	1.91	ND
12/09/99	FMETL	ND	ND	25.08

SOURCE: 9

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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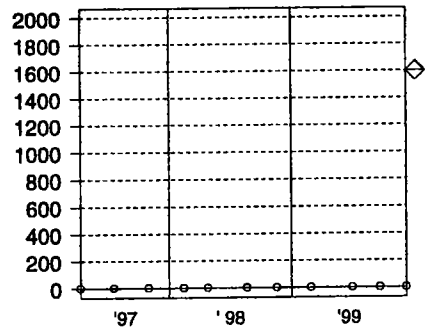
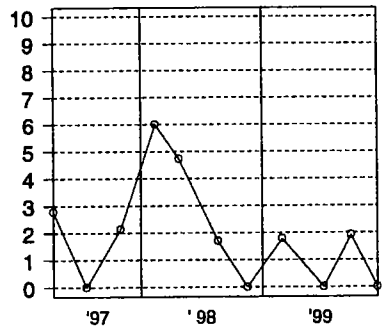
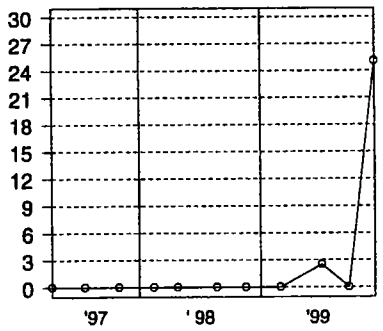
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







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Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\strea streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29
04/08/97	FMETL	2.05	1.26	4.47
07/17/97	FMETL	2.55	ND	4.72
10/30/97	FMETL	1.76	ND	1.86
02/10/98	FMETL	ND	ND	6.23
04/21/98	FMETL	ND	ND	4.58
08/19/98	FMETL	2.94	1.63	4.33
11/18/98	FMETL	ND	ND	1.48
02/25/99	FMETL	ND	ND	6.06
06/29/99	FMETL	3.56	2.25	7.70
09/22/99	FMETL	2.74	ND	2.63
12/09/99	FMETL	1.79	ND	4.13

SOURCE: 16

Sampling Dates:
04/08/97 - 12/09/99

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Fort Monmouth

GW Monitoring
Streams

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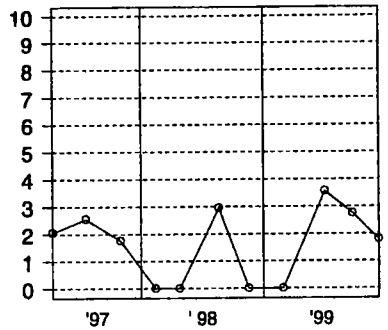
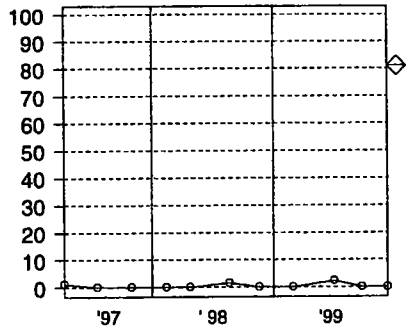
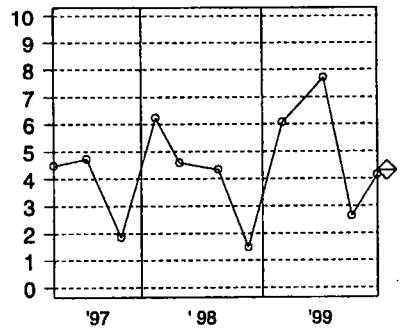
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf







SOURCE: 16

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\strea streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/97	FMETL	ND	ND	ND	1.97	ND
07/17/97	FMETL	ND	ND	ND	ND	ND
10/30/97	FMETL	ND	ND	ND	ND	ND
02/10/98	FMETL	ND	ND	ND	ND	1.59
04/21/98	FMETL	ND	ND	ND	ND	ND
08/19/98	FMETL	ND	ND	ND	ND	ND
11/18/98	FMETL	4.43	2.12	5.09	ND	ND
02/25/99	FMETL	ND	ND	ND	ND	ND
06/29/99	FMETL	ND	ND	ND	ND	ND
09/22/99	FMETL	1.09	ND	ND	ND	ND
12/09/99	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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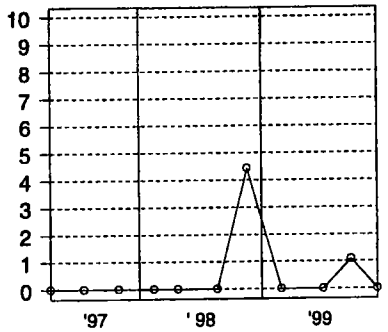
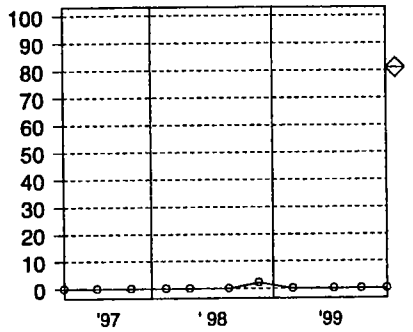
Fort Monmouth

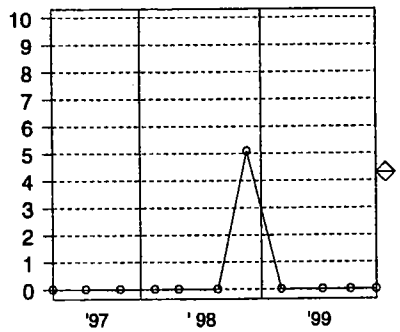
GW Monitoring
Streams

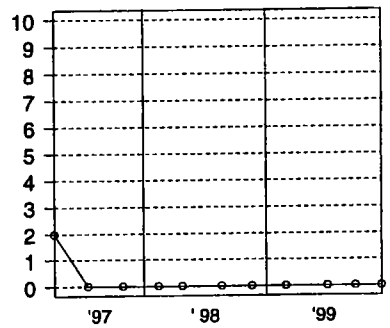
Well 12 of 17

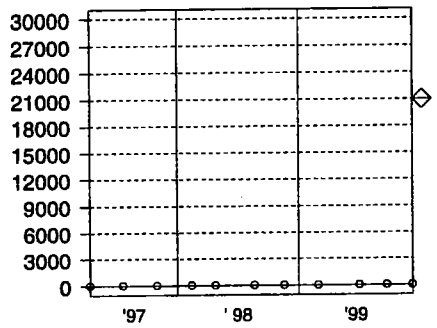
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 17

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]streams.wsf

	Lab	cis-1,2-dichloroethene
Units:	-	ug/l
NJDEP Criteria:	-	-
04/08/97	FMETL	6.44
07/17/97	FMETL	ND
10/30/97	FMETL	4.69
02/10/98	FMETL	8.22
04/21/98	FMETL	6.86
08/19/98	FMETL	2.95
11/17/98	FMETL	2.3
02/25/99	FMETL	2.30
06/29/99	FMETL	ND
09/21/99	FMETL	3.53
12/09/99	FMETL	2.60

SOURCE: 19

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

Fort Monmouth

GW Monitoring
Streams

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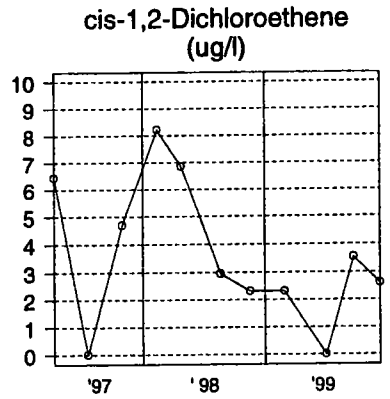
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\lm\stream[illegible]eams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	27900	-
04/08/97	FMETL	2.18	ND
07/17/97	FMETL	ND	2.63
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.85
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	5.70
09/21/99	FMETL	ND	2.10
12/09/99	FMETL	ND	ND

SOURCE: 20

Sampling Dates:
04/08/97 - 12/09/99

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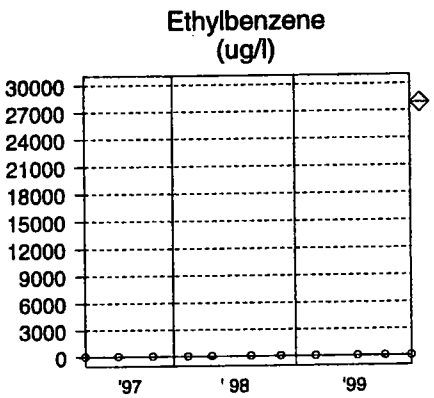
Fort Monmouth

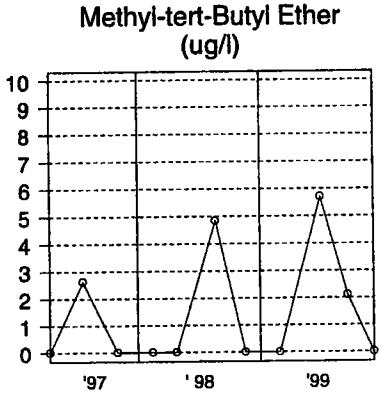
GW Monitoring
Streams

Well 15 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 20

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stream[illegible]eams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/97	FMETL	ND	ND	ND
07/17/97	FMETL	ND	ND	2.90
10/30/97	FMETL	ND	ND	ND
02/10/98	FMETL	ND	ND	ND
04/21/98	FMETL	ND	ND	ND
08/19/98	FMETL	ND	ND	4.71
11/17/98	FMETL	ND	ND	ND
02/25/99	FMETL	ND	ND	ND
06/29/99	FMETL	ND	ND	7.40
09/21/99	FMETL	1.17	ND	2.24
12/09/99	FMETL	ND	27.52	ND

SOURCE: 21

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

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Fort Monmouth

GW Monitoring
Streams

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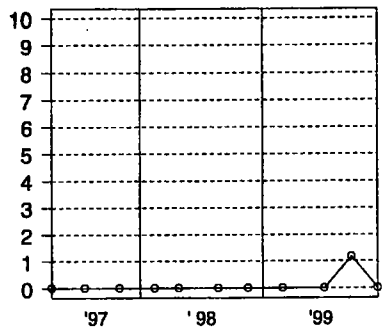
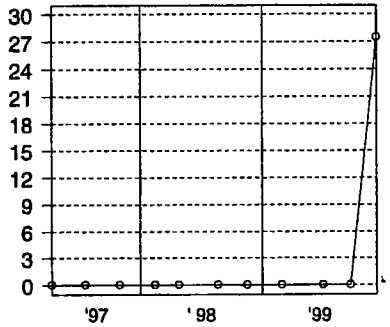
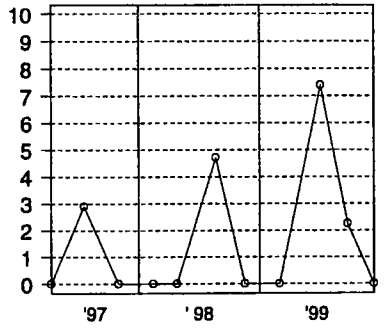
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 21

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/97	FMETL	ND	ND
07/17/97	FMETL	ND	4.26
10/30/97	FMETL	ND	ND
02/10/98	FMETL	ND	ND
04/21/98	FMETL	ND	ND
08/19/98	FMETL	ND	4.50
11/17/98	FMETL	ND	ND
02/25/99	FMETL	ND	ND
06/29/99	FMETL	ND	8.30
09/21/99	FMETL	ND	0.82
12/09/99	FMETL	32.77	ND

SOURCE: 22

Sampling Dates:
04/08/97 - 12/09/99

NOTES:

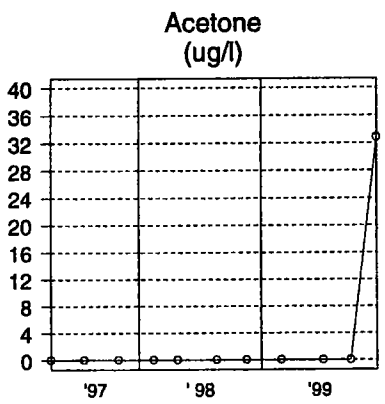
PAGE 1 OF 1

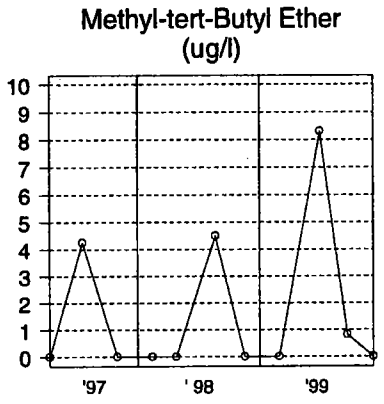
Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 22

Sampling Dates:
04/08/97 - 12/09/99

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

01-28-2000 x:\mtech46\fm\stree[illegible]\streams.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams/1st Qtr.

Streams

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
Stream Site #22	5211.04	Aqueous	01-Mar-00 08:05	03/01/00
Stream Site #21	5211.05	Aqueous	01-Mar-00 08:15	03/01/00
Stream Site #20	5211.06	Aqueous	01-Mar-00 08:26	03/01/00
Stream Site #09	5211.07	Aqueous	01-Mar-00 08:36	03/01/00
Stream Site #19	5211.08	Aqueous	01-Mar-00 08:45	03/01/00
Stream Site #07	5211.09	Aqueous	01-Mar-00 08:57	03/01/00
Stream Site #04	5211.10	Aqueous	01-Mar-00 09:06	03/01/00
Stream Site #05	5211.11	Aqueous	01-Mar-00 09:19	03/01/00
Stream Site #17	5211.12	Aqueous	01-Mar-00 09:36	03/01/00
Stream Site #16	5211.13	Aqueous	01-Mar-00 09:27	03/01/00
Stream Site #03	5211.14	Aqueous	01-Mar-00 09:44	03/01/00
Stream Site #14	5211.15	Aqueous	01-Mar-00 09:57	03/01/00
Stream Site #13	5211.16	Aqueous	01-Mar-00 10:05	03/01/00
Stream Site #15	5211.17	Aqueous	01-Mar-00 10:14	03/01/00
Stream Site #11	5211.18	Aqueous	01-Mar-00 10:27	03/01/00
Stream Site #18	5211.19	Aqueous	01-Mar-00 10:34	03/01/00
Stream Site #12	5211.20	Aqueous	01-Mar-00 10:47	03/01/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VOA+15, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

4-20 00

Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. Fallon
Phone #: X26223
( )DERA ( )OMA ( )Other:_____

Project No: Streams
Location: 1st Qtr 00

Samplers Name / Company: Corey McCormack, TVS

Analysis Parameters

Comments: HCL/HNO_3/H_2SO_4/4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3/NO_3	PO_4/SO_4	Total Col.	°C Temp	pH su	D.Sold. O_2	Salinity	Remarks / Preservation Method
5911.01	Trip Blank	3/1/00	0740	AQ	2	✓				—	—	—	—	—
.02	Field Blank		0800		5	✓	✓	✓	✓	—	—	—	—	—
.03	Field Dupe		—		5	✓	✓	✓	✓	—	—	—	d 28/30	% Q
.04	Stream Site #22 ★		0805		5	✓	✓	✓	✓	12.5	7.67	6.91	1.014	19
.05	#21		0815			✓	✓	✓	✓	12.5	7.69	6.99	1.014	19
.06	#20		0826			✓	✓	✓	✓	12.3	7.59	6.87	1.012	17
.07	#09		0836			✓	✓	✓	✓	12.4	7.69	6.77	1.003	0
.08	#19		0845			✓	✓	✓	✓	12.3	7.59	6.99	1.000	0
.09	#07		0857			✓	✓	✓	✓	12.3	7.59	7.41	1.003	3
.10	#04		0906			✓	✓	✓	✓	12.3	7.68	7.49	1.000	0
.11	#05		0919			✓	✓	✓	✓	12.3	7.89	7.50	1.000	0
.12	#17		0936			✓	✓	✓	✓	12.3	7.61	7.23	1.000	0
.13	#16		0927			✓	✓	✓	✓	12.3	7.99	7.51	1.000	0
.14	#03		0944			✓	✓	✓	✓	12.2	7.64	7.87	1.000	0 %

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/1/00 1105				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: (X)Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H->0

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No: Streams

Location: 1st Qrtr '00

Samplers Name / Company: Corey McCormack, TLS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA	NH_3 / NO_3	PO_4 / SO_4	Total Coli	°C Temp	pH su	Dissolved O_2	Salinity	Remarks / Preservation Method
5271. .15	0957 clm #14	3/1/00	0957	AQ	5	✓	✓	✓	✓	12.2	7.67	7.89	1.000	0
.16	#13		1005			✓	✓	✓	✓	12.2	7.69	7.88	1.000	0
.17	#15		1014			✓	✓	✓	✓	12.2	7.70	7.89	1.000	0
.18	#11		1027			✓	✓	✓	✓	12.2	7.57	7.97	1.000	0
.19	#18		1034			✓	✓	✓	✓	12.4	7.62	6.21	1.000	0
.20	#12	↓	1047	↓	↓	✓	✓	✓	✓	12.4	7.64	6.17	1.000	0

Analysis Parameters

Comments: $HCl/HNO_3/H_2SO_4/4°C$

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	3/1/00 1105				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: (X)Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: H → O

print legibly

Coc.xls2/18/00

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002247.D**	Sample Name	**Vblk61**
Operator	**Skelton**	Field ID	**Vblk61**
Date Acquired	**4 Mar 2000 11:37 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002247.D	Sample Name	Vblk61
Operator	Skelton	Field ID	Vblk61
Date Acquired	4 Mar 2000 11:37 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

3/8/00 1:44 PM

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002248.D	Sample Name	5211.01
Operator	Skelton	Field ID	Trip Blank
Date Acquired	4 Mar 2000 12:17 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.17	180403	4.98 ug/L	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002248.D**	Sample Name	**5211.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**4 Mar 2000 12:17 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride	11.17	180403	4.98 ug/L	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002249.D	Sample Name	5211.02
Operator	Skelton	Field ID	Field Blank
Date Acquired	4 Mar 2000 12:58 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002249.D**	Sample Name	**5211.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**4 Mar 2000 12:58 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002250.D	Sample Name	5211.03
Operator	Skelton	Field ID	Field Dupe
Date Acquired	4 Mar 2000 1:38 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002261.D**	Sample Name	**5211.14**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**4 Mar 2000 9:07 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002257.D	Sample Name	5211.10
Operator	Skelton	Field ID	StreamSite#04
Date Acquired	4 Mar 2000 6:24 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.86	118839	2.18 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	42085	1.23 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.30	47451	1.26 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	230043	6.18 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002258.D	Sample Name	5211.11
Operator	Skelton	Field ID	StreamSite#05
Date Acquired	4 Mar 2000 7:04 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	126888	2.34 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	43218	1.27 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.30	50810	1.36 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	244702	6.62 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002256.D	Sample Name	5211.09
Operator	Skelton	Field ID	StreamSite#07
Date Acquired	4 Mar 2000 5:43 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.84	114203	2.14 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	40053	1.19 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.30	48922	1.30 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	238417	6.47 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002254.D	Sample Name	5211.07
Operator	Skelton	Field ID	StreamSite#09
Date Acquired	4 Mar 2000 4:22 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	75111	2.17 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002265.D**	Sample Name	**5211.18**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**4 Mar 2000 11:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.86	86124	1.64 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	364096	11.01 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002267.D**	Sample Name	**5211.20**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**5 Mar 2000 1:12 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	104692	3.13 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002263.D	Sample Name	5211.16
Operator	Skelton	Field ID	StreamSite#13
Date Acquired	4 Mar 2000 10:29 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.86	126943	2.40 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.75	44885	1.35 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.29	51739	1.40 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	249498	6.92 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002262.D**	Sample Name	**5211.15**
Operator	**Skelton**	Field ID	**StreamSite#14**
Date Acquired	**4 Mar 2000 9:48 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002264.D	Sample Name	5211.17
Operator	Skelton	Field ID	StreamSite#15
Date Acquired	4 Mar 2000 11:09 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.86	124108	2.38 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	45706	1.39 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene	20.29	51157	1.39 ug/L	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	251290	6.95 ug/L	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC002260.D**
Operator **Skelton**
Date Acquired **4 Mar 2000 8:27 pm**

Sample Name **5211.13**
Field ID **StreamSite#16**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	11.85	124539	2.33 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.73	43247	1.28 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene	20.29	47524	1.27 ug/L	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.29	236473	6.47 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002259.D	Sample Name	5211.12
Operator	Skelton	Field ID	StreamSite#17
Date Acquired	4 Mar 2000 7:46 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VC002266.D**	Sample Name	**5211.19**
Operator	**Skelton**	Field ID	**StreamSite#18**
Date Acquired	**5 Mar 2000 12:31 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.0591	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.083	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.4	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	185618	5.57 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.363	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.291	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.266	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.193	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.5	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.388	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.6	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

*Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002255.D	Sample Name	5211.08
Operator	Skelton	Field ID	StreamSite#19
Date Acquired	4 Mar 2000 5:02 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.74	98382	2.92 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VC002253.D**
Operator **Skelton**
Date Acquired **4 Mar 2000 3:40 pm**

Sample Name **5211.06**
Field ID **StreamSite#20**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002252.D	Sample Name	5211.05
Operator	Skelton	Field ID	StreamSite#21
Date Acquired	4 Mar 2000 3:00 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VC002251.D	Sample Name	5211.04
Operator	Skelton	Field ID	StreamSite#22
Date Acquired	4 Mar 2000 2:19 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.665	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

Stream Water Analysis
March 2000

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
5211.04	03/01/00	22	12.5	7.67	ND	0.5	ND	1450	6.91	160	40	19
5211.05	03/01/00	21	12.5	7.69	ND	0.7	ND	1600	6.99	160	<1	19
5211.06	03/01/00	20	12.3	7.59	ND	0.3	ND	1700	6.87	160	<1	17
5211.07	03/01/00	09	12.4	7.69	0.302	0.8	ND	56	6.77	280	80	0
5211.08	03/01/00	19	12.3	7.59	0.284	1.3	ND	27	6.99	480	100	0
5211.09	03/01/00	07	12.3	7.59	0.628	0.5	ND	55	7.41	340	40	3
5211.10	03/01/00	04	12.3	7.68	0.637	0.3	ND	85	7.49	300	20	0
5211.11	03/01/00	05	12.3	7.89	0.675	0.2	ND	65	7.50	240	40	0
5211.12	03/01/00	17	12.3	7.61	ND	0.7	ND	37	7.23	120	100	0
5211.13	03/01/00	16	12.3	7.99	0.740	0.4	ND	70	7.51	140	40	0
5211.14	03/01/00	03	12.2	7.64	ND	0.6	ND	37	7.87	200	20	0
5211.15	03/01/00	14	12.2	7.67	ND	0.5	ND	38	7.89	160	40	0
5211.16	03/01/00	13	12.2	7.69	1.07	0.6	ND	35	7.88	240	60	0
5211.17	03/01/00	15	12.2	7.70	1.12	0.8	ND	35	7.89	180	60	0
5211.18	03/01/00	11	12.2	7.57	ND	1.5	ND	27	7.97	160	60	0
5211.19	03/01/00	18	12.4	7.62	0.286	1.3	ND	26	6.21	380	20	0
5211.20	03/01/00	12	12.4	7.64	0.394	1.4	ND	28	6.17	420	<1	0

mg/L = parts per million
cfu = colony forming units
ND = Not detected

Completed:03/21/00
Reviewed: 03/21/00

4-20-00

Daniel K. Wright

Laboratory Director

	Lab	Methylene Chloride	Tetrachloroethene
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	2.49	0.388
04/08/1997	FMETL	2.00	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	ND
11/18/1998	FMETL	ND	1.09
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	ND
09/22/1999	FMETL	ND	ND
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND

SOURCE: 3

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

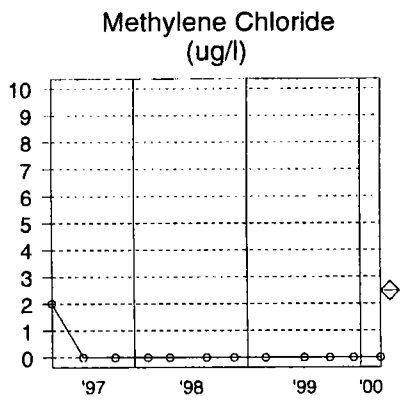
Stream 3 is Fresh-Water.
MeCl limit is 2.49 ug/L.
PCE limit is 0.388 ug/L.

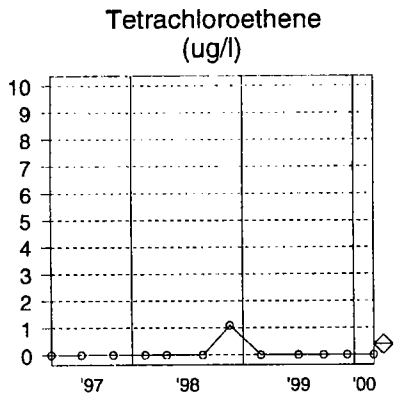
Fort Monmouth

GW Monitoring
Streams

Well 1 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 3

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 1 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.18	ND	ND	ND
07/17/1997	FMETL	1.63	ND	1.61	ND
10/30/1997	FMETL	ND	ND	1.24	ND
02/10/1998	FMETL	ND	ND	6.61	ND
04/21/1998	FMETL	ND	ND	4.42	ND
08/19/1998	FMETL	1.92	1.10	2.85	ND
11/17/1998	FMETL	1.19	ND	1.62	ND
02/25/1999	FMETL	ND	ND	5.61	ND
06/29/1999	FMETL	2.41	1.56	5.27	ND
09/22/1999	FMETL	2.02	ND	1.85	ND
12/09/1999	FMETL	ND	ND	ND	ND
03/01/2000	FMETL	1.23	1.26	6.18	2.18

SOURCE: 4

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 4 is Salt-Water.
MTBE limit is NLE
cis-1,2-Di limit isNLE
TCE limit is 81
PCE limit is 4.29

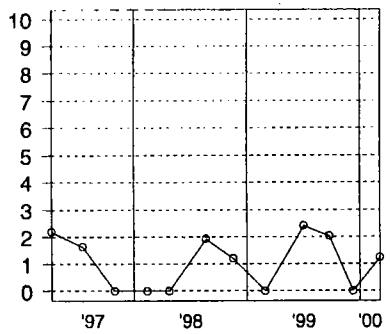
Fort Monmouth

GW Monitoring
Streams

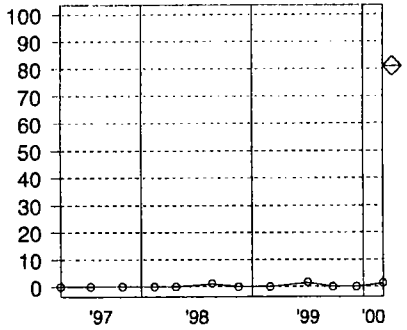
Well 2 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

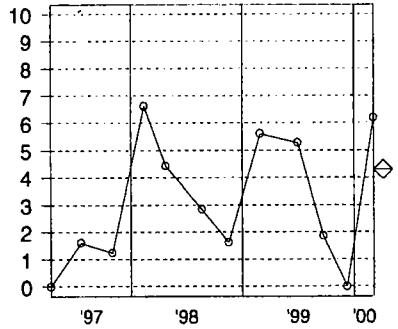
cis-1,2-Dichloroethene
(ug/l)



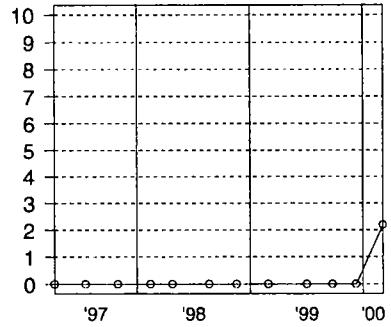
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 4

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	81	4.29	-
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34

SOURCE: 5

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17

U.S.ARMY
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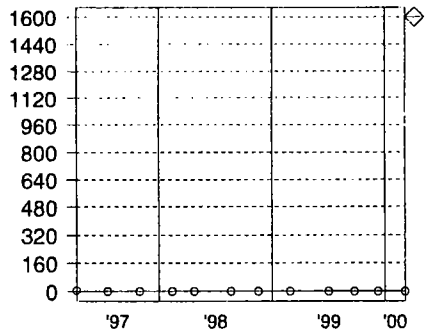
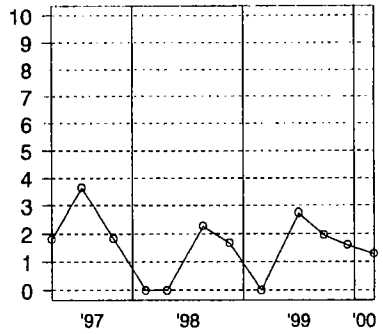
SELFM-PW-EV

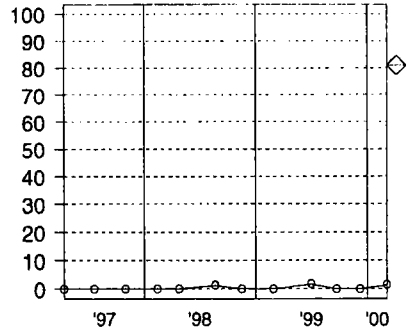
Methylene Chloride
(ug/l)



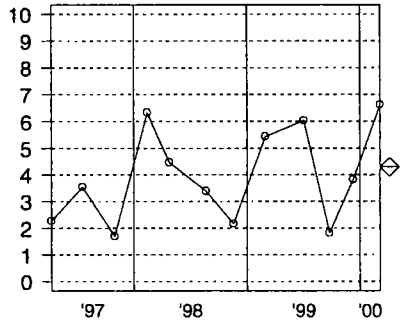
cis-1,2-Dichloroethene
(ug/l)



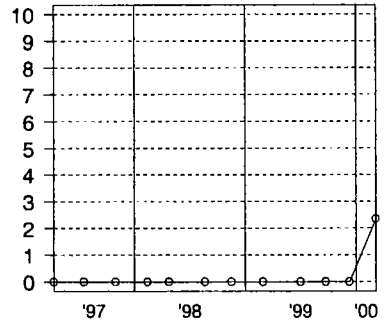
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 5

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.14	ND	1.08	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	2.04	ND	ND
04/21/1998	FMETL	ND	ND	2.40	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	2.85	ND	ND
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14

SOURCE: 7

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

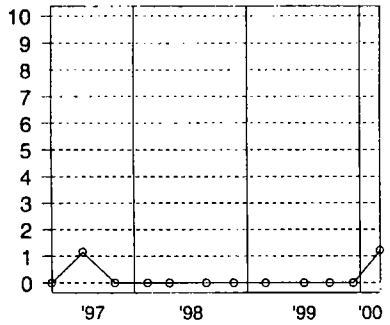
Fort Monmouth

GW Monitoring
Streams

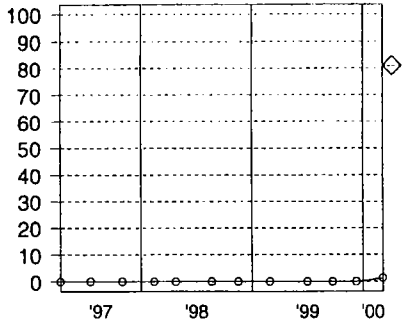
Well 4 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

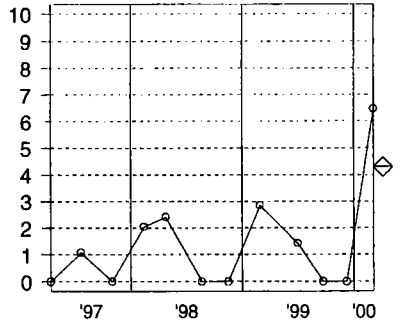
cis-1,2-Dichloroethene
(ug/l)



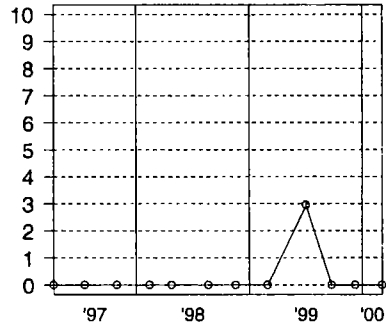
Trichloroethene
(ug/l)



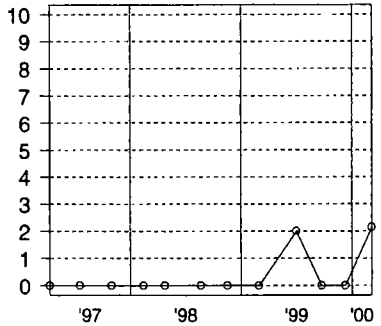
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 7

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	-
04/08/1997	FMETL	1.82	2.78	ND
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND
02/10/1998	FMETL	ND	6.00	ND
04/21/1998	FMETL	ND	4.73	ND
08/19/1998	FMETL	ND	1.69	ND
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND
06/29/1999	FMETL	ND	ND	2.50
09/21/1999	FMETL	ND	1.91	ND
12/09/1999	FMETL	ND	ND	25.08
03/01/2000	FMETL	ND	2.17	ND

SOURCE: 9

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

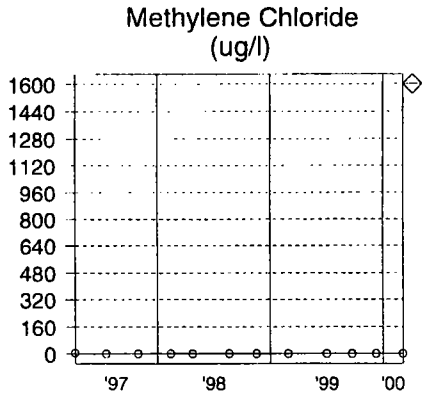
PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

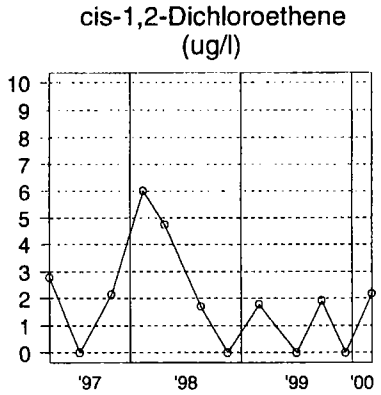
Fort Monmouth

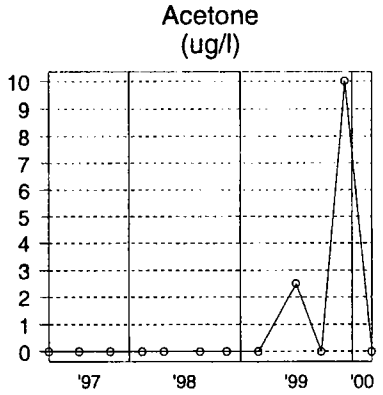
GW Monitoring
Streams

Well 5 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 9

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wst

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-
04/08/1997	FMETL	18.72	1.58	ND
07/17/1997	FMETL	14.13	ND	ND
10/30/1997	FMETL	18.23	ND	ND
02/10/1998	FMETL	24.71	2.14	ND
04/21/1998	FMETL	21.66	1.82	ND
08/19/1998	FMETL	11.73	ND	ND
11/18/1998	FMETL	8.82	ND	ND
02/25/1999	FMETL	9.11	ND	ND
06/29/1999	FMETL	5.77	ND	ND
09/21/1999	FMETL	15.62	ND	ND
12/09/1999	FMETL	11.90	ND	ND
03/01/2000	FMETL	11.01	ND	1.64

SOURCE: 11

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17

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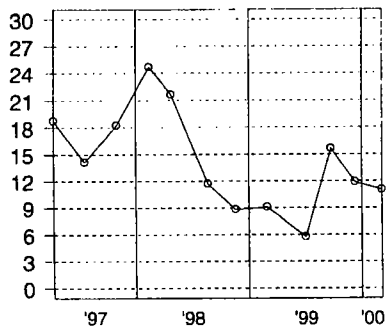
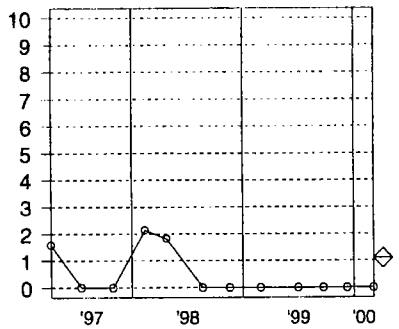
SELFM-PW-EV

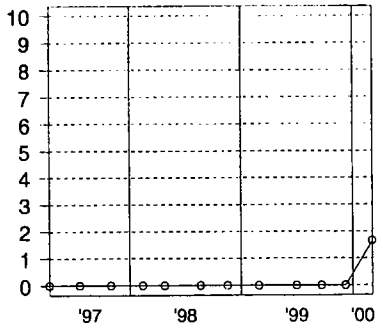
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 11

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.63	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	5.67	ND
02/10/1998	FMETL	6.54	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.58	ND
11/18/1998	FMETL	2.48	ND
02/25/1999	FMETL	1.80	ND
06/29/1999	FMETL	1.39	ND
09/21/1999	FMETL	3.67	9.54
12/09/1999	FMETL	2.74	ND
03/01/2000	FMETL	3.13	ND

SOURCE: 12

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

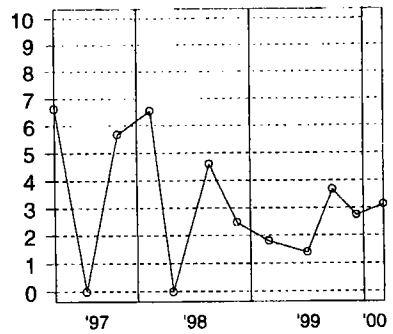
Fort Monmouth

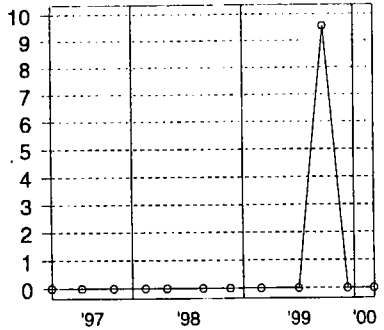
GW Monitoring
Streams

Well 7 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf





SOURCE: 12

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	2.49	-	1.09	0.388	-	-
04/08/1997	FMETL	1.91	ND	ND	ND	2.81	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	3.94	ND	ND
03/01/2000	FMETL	ND	1.35	1.40	6.92	ND	2.40

SOURCE: 13

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17

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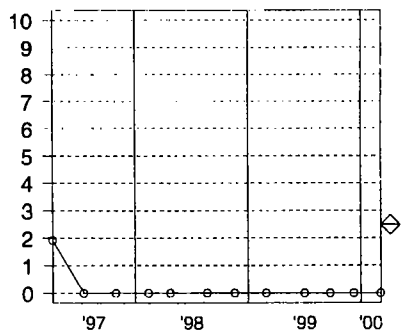
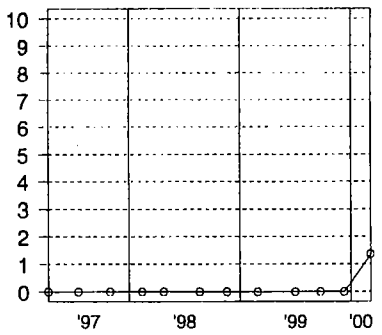
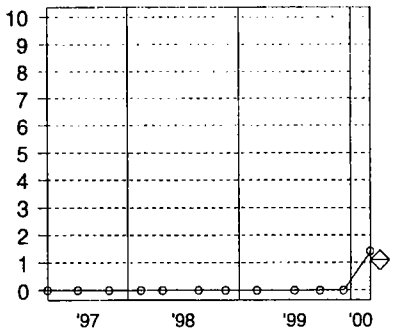
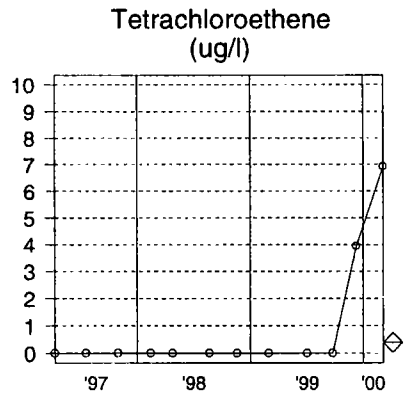
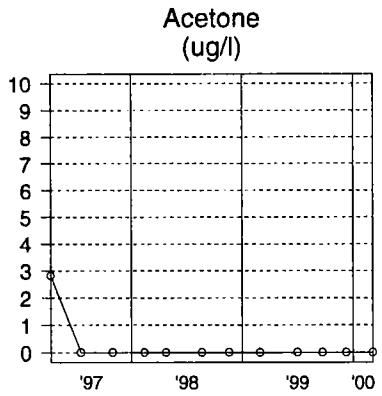
FORT MONMOUTH
SELFM-PW-EV

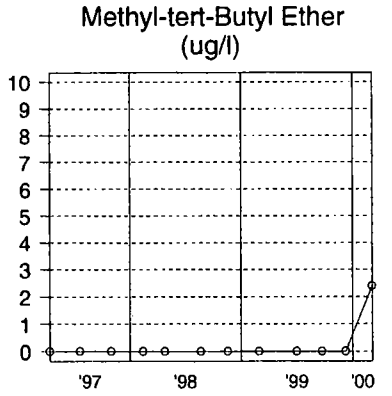












SOURCE: 13

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsl

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	-
04/08/1997	FMETL	ND	ND	3.94
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	1.59	1.75	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND
11/18/1998	FMETL	ND	ND	3.32
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND
12/09/1999	FMETL	11.26	ND	ND
03/01/2000	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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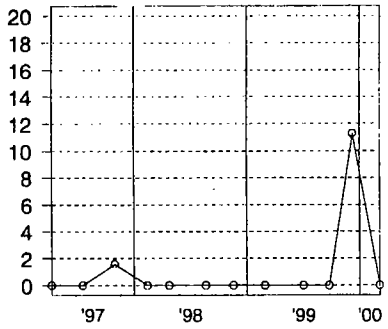
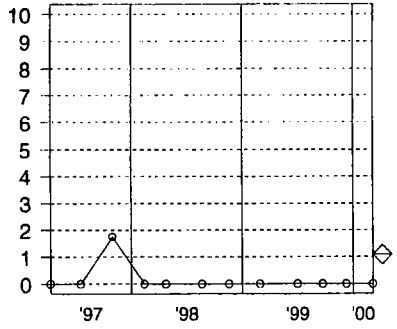
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

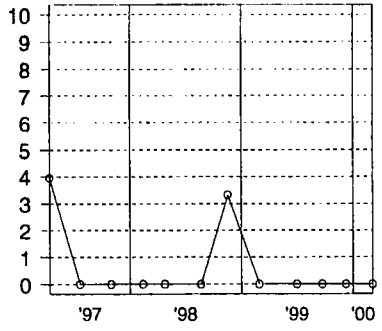
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Acetone
(ug/l)



SOURCE: 14

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	1.09	0.388	-
04/08/1997	FMETL	2.69	1.60	6.00	ND
07/17/1997	FMETL	5.53	2.50	7.12	ND
10/30/1997	FMETL	2.57	ND	2.72	ND
02/10/1998	FMETL	ND	1.03	6.90	ND
04/21/1998	FMETL	1.22	1.21	5.72	ND
08/19/1998	FMETL	3.89	2.06	5.39	ND
11/18/1998	FMETL	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	7.33	ND
06/29/1999	FMETL	4.17	2.40	7.86	ND
09/21/1999	FMETL	3.59	1.37	2.61	ND
12/09/1999	FMETL	ND	ND	4.08	ND
03/01/2000	FMETL	1.39	1.39	6.95	2.38

SOURCE: 15

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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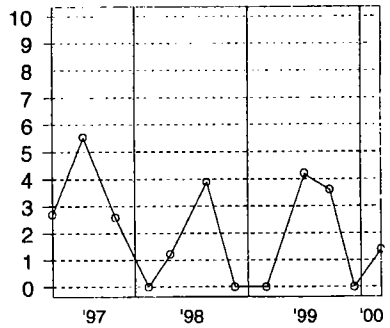
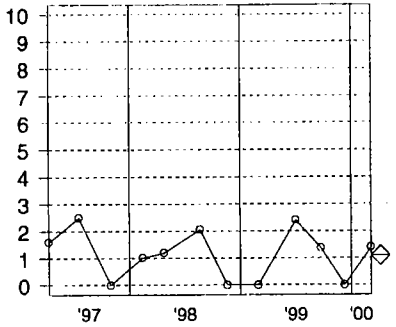
FORT MONMOUTH
SELFM-PW-EV

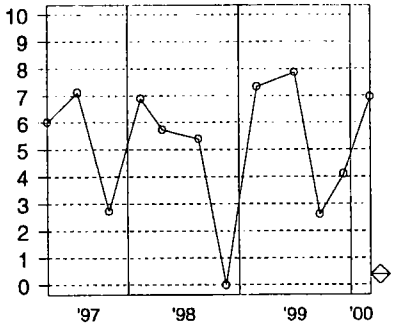
cis-1,2-Dichloroethene
(ug/l)



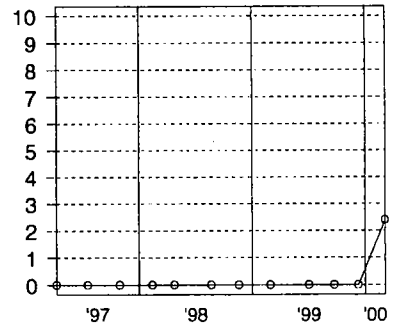
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 15

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsl

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.05	1.26	4.47	ND
07/17/1997	FMETL	2.55	ND	4.72	ND
10/30/1997	FMETL	1.76	ND	1.86	ND
02/10/1998	FMETL	ND	ND	6.23	ND
04/21/1998	FMETL	ND	ND	4.58	ND
08/19/1998	FMETL	2.94	1.63	4.33	ND
11/18/1998	FMETL	ND	ND	1.48	ND
02/25/1999	FMETL	ND	ND	6.06	ND
06/29/1999	FMETL	3.56	2.25	7.70	ND
09/22/1999	FMETL	2.74	ND	2.63	ND
12/09/1999	FMETL	1.79	ND	4.13	ND
03/01/2000	FMETL	1.28	1.27	6.47	2.33

SOURCE: 16

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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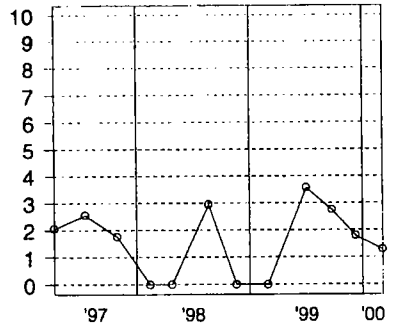
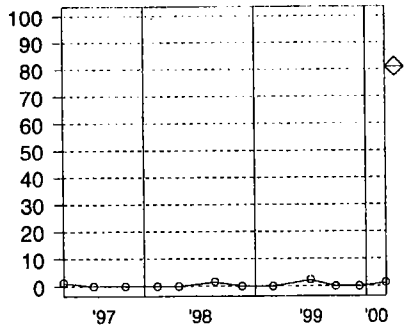
SELFM-PW-EV

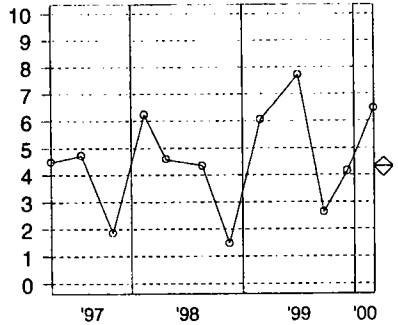
cis-1,2-Dichloroethene
(ug/l)



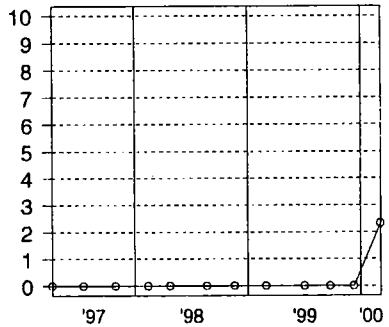
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

Well 11 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	1.97	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	1.09	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

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Streams

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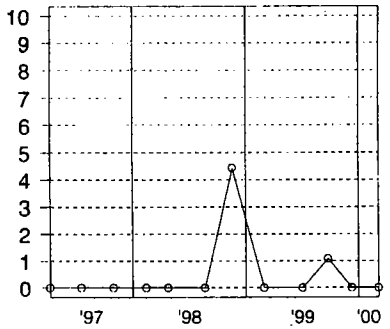
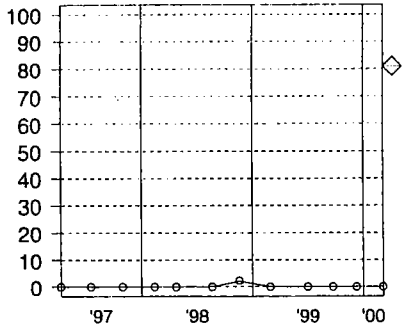
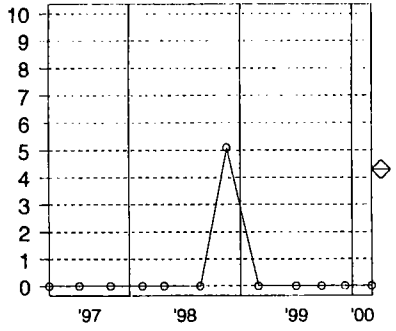
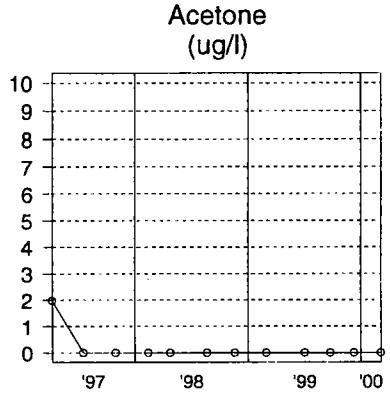
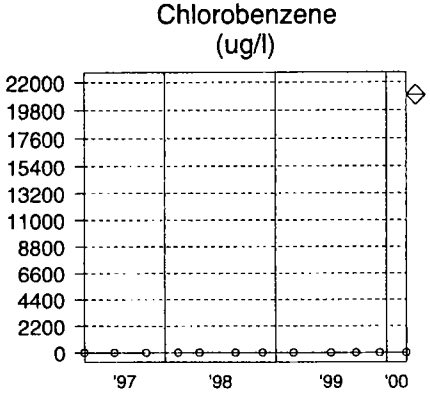
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 17

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	-
04/08/1997	FMETL	ND
07/17/1997	FMETL	1.06
10/30/1997	FMETL	5.87
02/10/1998	FMETL	14.36
04/21/1998	FMETL	ND
08/19/1998	FMETL	4.65
11/18/1998	FMETL	3.18
02/25/1999	FMETL	3.95
06/29/1999	FMETL	1.47
09/21/1999	FMETL	4.67
12/09/1999	FMETL	4.90
03/01/2000	FMETL	5.57

SOURCE: 18

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

PAGE 1 OF 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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FORT MONMOUTH
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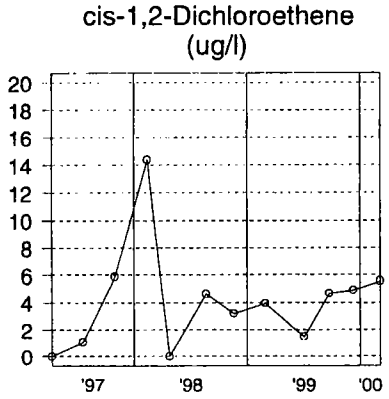


SOURCE: 18

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene
Units:	-	ug/l
NJDEP Criteria:	-	-
04/08/1997	FMETL	6.44
07/17/1997	FMETL	ND
10/30/1997	FMETL	4.69
02/10/1998	FMETL	8.22
04/21/1998	FMETL	6.86
08/19/1998	FMETL	2.95
11/17/1998	FMETL	2.3
02/25/1999	FMETL	2.30
06/29/1999	FMETL	ND
09/21/1999	FMETL	3.53
12/09/1999	FMETL	2.60
03/01/2000	FMETL	2.92

SOURCE: 19

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

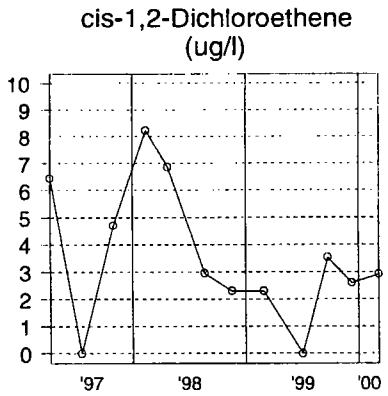
PAGE 1 OF 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 19

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 14 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	27900	-
04/08/1997	FMETL	2.18	ND
07/17/1997	FMETL	ND	2.63
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.85
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	5.70
09/21/1999	FMETL	ND	2.10
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND

SOURCE: 20

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

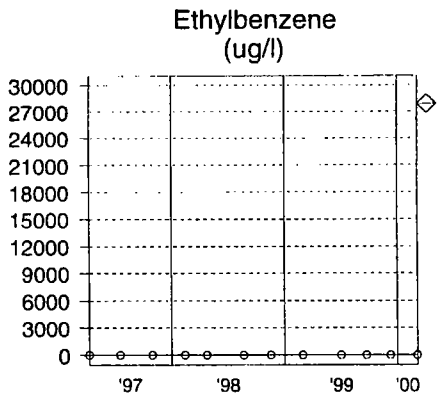
PAGE 1 OF 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

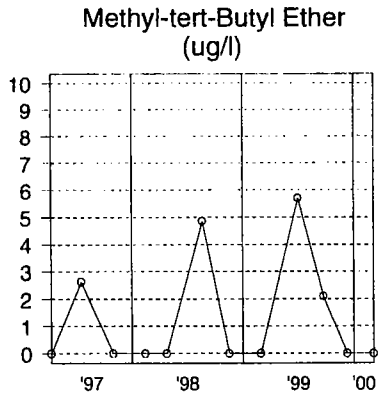
Fort Monmouth

GW Monitoring
Streams

Well 15 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 20

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 15 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/1997	FMETL	ND	ND	ND
07/17/1997	FMETL	ND	ND	2.90
10/30/1997	FMETL	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	4.71
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	7.40
09/21/1999	FMETL	1.17	ND	2.24
12/09/1999	FMETL	ND	27.52	ND
03/01/2000	FMETL	ND	ND	ND

SOURCE: 21

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

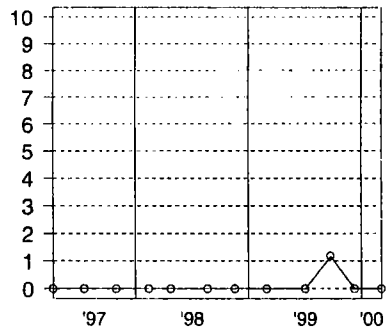
PAGE 1 OF 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

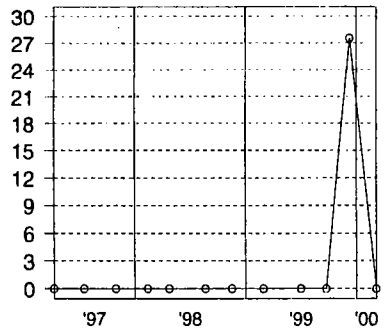
Fort Monmouth

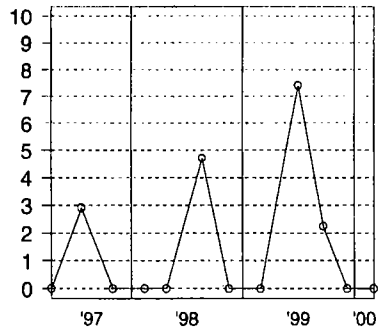
GW Monitoring
Streams

Well 16 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV







SOURCE: 21

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 16 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	ND	4.26
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.50
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	8.30
09/21/1999	FMETL	ND	0.82
12/09/1999	FMETL	32.77	ND
03/01/2000	FMETL	ND	ND

SOURCE: 22

Sampling Dates:
04/08/1997 - 03/01/2000

NOTES:

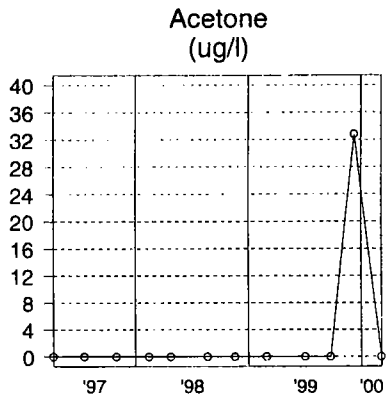
PAGE 1 OF 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

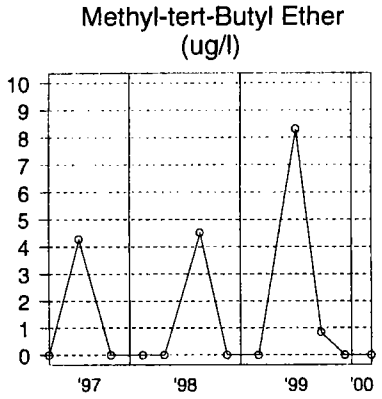
Fort Monmouth

GW Monitoring
Streams

Well 17 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 22

Sampling Dates:
04/08/1997 - 03/01/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 17 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

04-20-2000 x:\mtech46\fm\streams\gw\streams.wsf

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams

Streams

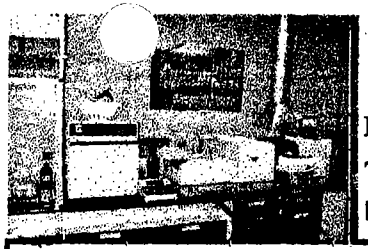
Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time Of Collection	Date Received
Trip	5468.01	Aqueous	12-June-00 07:35	06/12/00
Field Blank	5468.02	Aqueous	12-June-00 08:40	06/12/00
Dupe	5468.03	Aqueous	12-June-00	06/12/00
Stream Site # 22	5468.04	Aqueous	12-June-00 08:43	06/12/00
Stream Site # 21	5468.05	Aqueous	12-June-00 08:53	06/12/00
Stream Site # 20	5468.06	Aqueous	12-June-00 09:03	06/12/00
Stream Site # 09	5468.07	Aqueous	12-June-00 09:13	06/12/00
Stream Site # 19	5468.08	Aqueous	12-June-00 09:26	06/12/00
Stream Site # 12	5468.09	Aqueous	12-June-00 09:37	06/12/00
Stream Site # 18	5468.10	Aqueous	12-June-00 10:06	06/12/00
Stream Site # 11	5468.11	Aqueous	12-June-00 10:10	06/12/00
Stream Site # 15	5468.12	Aqueous	12-June-00 10:43	06/12/00
Stream Site # 13	5468.13	Aqueous	12-June-00 10:55	06/12/00
Stream Site # 16	5468.14	Aqueous	12-June-00 11:05	06/12/00
Stream Site # 05	5468.15	Aqueous	12-June-00 11:10	06/12/00
Stream Site # 04	5468.16	Aqueous	12-June-00 11:15	06/12/00
Stream Site # 07	5468.17	Aqueous	12-June-00 11:28	06/12/00
Stream Site # 17	5468.18	Aqueous	12-June-00 11:56	06/12/00
Stream Site # 03	5468.19	Aqueous	12-June-00 13:27	06/12/00
Stream Site # 14	5468.20	Aqueous	12-June-00 13:50	06/12/00
Stream Site # 23	5468.21	Aqueous	12-June-00 10:31	06/12/00
Stream Site # 24	5468.22	Aqueous	12-June-00 10:17	06/12/00
Stream Site # 25	5468.23	Aqueous	12-June-00 11:47	06/12/00
Stream Site # 26	5468.24	Aqueous	12-June-00 13:13	06/12/00
Stream Site # 28	5468.25	Aqueous	12-June-00 11:21	06/12/00
Stream Site # 27	5468.26	Aqueous	12-June-00 11:35	06/12/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
VO+15, PCB's, WET CHEMISTRY

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-19-00
Daniel Wright/Date
Laboratory Director

CHAIN OF CUSTODY



Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: Streams 2nd Qrtr '00

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA's	NH_3/NO_3	PO_4/SO_4	Total Cal.	PCB's	pH	Temp °C	D. Dissolved O_2	Remarks / Preservation Method
54608 .01	Trip	6/12/00	0735	AQ	2	✓					–	–	–	
.02	Field Blank		0840		5	✓	✓	✓	✓ CPM	✓	–	–	–	
.03	Dupe		—		6	✓	✓	✓	✓	✓	–	–	–	Salinity d^{25}_{25} / 0.0
.04	Stream Site # 22		0843		6	✓	✓	✓	✓	✓	7.83	27.9°	6.88	1.012 / 18.0
.05	# 21		0853		6	✓	✓	✓	✓	✓	7.81	28.8°	6.94	1.014 / 18.0
.06	# 20		0903			✓	✓	✓	✓	✓	7.82	27.5°	7.11	1.012 / 18.0
.07	# 09		0913			✓	✓	✓	✓	✓	7.71	25.3	7.32	1.001 / ~~0.0~~ 1.0 cpm
.08	# 19		0926			✓	✓	✓	✓	✓	6.87	25.7	7.41	1.000 / 0.0
.09	# 12		0937			✓	✓	✓	✓	✓	7.94	26.6	6.41	1.000 / 0.0
.10	# 18		1006			✓	✓	✓	✓	✓	7.41	26.4	6.37	1.000 / 0.0
.11	# 11		1010			✓	✓	✓	✓	✓	6.96	20.3	7.21	1.000 / 0.0
.12	# 15		1043			✓	✓	✓	✓	✓	6.84	24.2	7.31	1.000 / 0.0
.13	# 13		1055			✓	✓	✓	✓	✓	6.77	22.1	7.37	1.000 / 0.0
.14	# 16	↓	1105	↓	▽	✓	✓	✓	✓	✓	6.78	25.9	6.71	1.000 / 0.0

Comments: HCL / H_2SO_4 / <4°C

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/12/00 1414				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Heavy Rain previous night. cpm
Tide: H→ outgoing

print legibly

Coc.xls4/19/00

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: Streams 2nd Qrtr '00

Samplers Name / Company: Corey McCormack, TVS

Comments: HCl / H_2SO_4 / 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VO+15	NH_3 / NO_3	PO_4 / SO_4	Total / Coli	PCB's	pH	Temp	Dissolved O_2	Remarks / Preservation Method
54608 .15	#5	6/12/00	1110	AQ	6	✓	✓	✓	✓	✓	6.72	26.3°	6.17	1.001 / 1.00
.16	#4		1115		6	✓	✓	✓	✓	✓	6.75	26.8°	6.15	1.002 / 2.00
.17	#7		1128			✓	✓	✓	✓	✓	6.86	27.1	6.69	1.005 / 4.00
.18	#17		1156			✓	✓	✓	✓	✓	7.10	25.1	6.71	1.000 / 0.0
.19	#3		1327			✓	✓	✓	✓	✓	7.18	23.2	6.99	1.000 / 0.0
.20	#14		1350			✓	✓	✓	✓	✓	6.97	23.1	7.21	1.000 / 0.0
.21	#23		1031			✓	✓	✓	✓	✓	6.82	24.9	7.21	1.000 / 0.0
.22	#24		1017			✓	✓	✓	✓	✓	6.52	24.3	7.33	1.000 / 0.0
.23	#25		1147			✓	✓	✓	✓	✓	7.06	25.2	6.81	1.001 / 1.00
.24	#26		1313			✓	✓	✓	✓	✓	~~7.13~~ ~~6.53~~	~~26.0~~ ~~24.3~~ ~~23.4~~	6.53	1.000 / 0.0
.25	#28		1121			✓	✓	✓	✓	✓	6.81	26.8	6.66	1.003 / ~~3.00~~ 3.00
.26	#29		1135			✓	✓	✓	✓	✓	6.91	27.1	6.51	1.005 / ~~5.00~~ 5.0

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/12/00 1414				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, ( )Rush ____ Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: H-70

print legibly

COC.xls4/19/00

VOLATILE ORGANICS

FRESH WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007201.D	Sample Name	Vblk220
Operator	Skelton	Field ID	Vblk220
Date Acquired	13 Jun 2000 11:18 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73 1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:02 PM

C:\Hpchem\Custrpt\streams\FRESHWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk220**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007201.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007235.D**	Sample Name	**Vblk221**
Operator	**Skelton**	Field ID	**Vblk221**
Date Acquired	**14 Jun 2000 11:19 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:28 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk221**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007235.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007218.D**	Sample Name	**5468.01**
Operator	**Skelton**	Field ID	**Trip Blank**
Date Acquired	**13 Jun 2000 11:06 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9[illegible]

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Trip Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007218.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007219.D**	Sample Name	**5468.02**
Operator	**Skelton**	Field ID	**Field Blank**
Date Acquired	**13 Jun 2000 11:47 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007219.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007241.D**	Sample Name	**5468.19**
Operator	**Skelton**	Field ID	**StreamSite#03**
Date Acquired	**14 Jun 2000 3:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#03**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.19

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007241.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007228.D**	Sample Name	**5468.11**
Operator	**Skelton**	Field ID	**StreamSite#11**
Date Acquired	**14 Jun 2000 5:50 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene	15.98	144090	8.03 ug/L	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9[illegible]

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#11

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.11

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007228.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007226.D**	Sample Name	**5468.09**
Operator	**Skelton**	Field ID	**StreamSite#12**
Date Acquired	**14 Jun 2000 4:29 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#12**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.09

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007226.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007230.D**	Sample Name	**5468.13**
Operator	**Skelton**	Field ID	**StreamSite#13**
Date Acquired	**14 Jun 2000 7:11 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	76619	5.56 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-98

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#13**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.13

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007230.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007242.D	Sample Name	5468.20
Operator	Skelton	Field ID	StreamSite#14
Date Acquired	14 Jun 2000 4:10 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9t

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#14**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.20

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007242.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007229.D**	Sample Name	**5468.12**
Operator	**Skelton**	Field ID	**StreamSite#15**
Date Acquired	**14 Jun 2000 6:31 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	79199	5.94 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:03 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#15**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.12

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007229.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007227.D	Sample Name	5468.10
Operator	Skelton	Field ID	StreamSite#18
Date Acquired	14 Jun 2000 5:10 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9t

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit
MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:03 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#18**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.10

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007227.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007243.D**	Sample Name	**5468.21**
Operator	**Skelton**	Field ID	**StreamSite#23**
Date Acquired	**14 Jun 2000 4:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	75082	5.60 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9(

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#23**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.21

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007243.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007244.D	Sample Name	5468.22
Operator	Skelton	Field ID	StreamSite#24
Date Acquired	14 Jun 2000 5:30 pm	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	59799	4.72 ug/L	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#24**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.22

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007244.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007246.D**	Sample Name	**5468.24**
Operator	**Skelton**	Field ID	**StreamSite#26**
Date Acquired	**14 Jun 2000 6:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	320	1.85 ug/L	
107131	Acrylonitrile			not detected	0.06	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	5.7*	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	0.08	1.06 ug/L	
74-83-9	Bromomethane			not detected	48.40	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	4.81	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	2.49	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	592	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	5.67	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	127	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	0.36	0.47 ug/L	
71-43-2	Benzene			not detected	0.15	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	0.29	0.18 ug/L	
79-01-6	Trichloroethene			not detected	1.09	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	0.27	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	7440	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	0.19	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	13.50	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	0.39	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	72.60	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	22	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	3030	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	4.38	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	1.72	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	2620	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	343	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	2520	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9B-1.14 18- May-9[illegible]

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#26

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.24

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007246.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

SALT WATER

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB007201.D**
Operator **Skelton**
Date Acquired **13 Jun 2000 11:18 am**

Sample Name **Vblk220**
Field ID **Vblk220**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk220**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: Vblk220

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007201.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB007235.D**
Operator **Skelton**
Date Acquired **14 Jun 2000 11:19 am**

Sample Name **Vblk221**
Field ID **Vblk221**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9'.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Vblk221**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: Vblk221

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007235.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB007218.D**
Operator **Skelton**
Date Acquired **13 Jun 2000 11:06 pm**

Sample Name **5468.01**
Field ID **Trip Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Trip Blank**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.01

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007218.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB007219.D**
Operator **Skelton**
Date Acquired **13 Jun 2000 11:47 pm**

Sample Name **5468.02**
Field ID **Field Blank**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

Field Blank

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.02

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007219.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/13/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007220.D	Sample Name	5468.03
Operator	Skelton	Field ID	Dupe
Date Acquired	14 Jun 2000 12:27 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.12	372482	10.66 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **Dupe**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.03

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007220.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File **VB007238.D**
Operator **Skelton**
Date Acquired **14 Jun 2000 1:31 pm**

Sample Name **5468.16**
Field ID **StreamSite#04**
Sample Multiplie **1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	54980	4.37 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#04**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.16

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007238.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007237.D**	Sample Name	**5468.15**
Operator	**Skelton**	Field ID	**StreamSite#05**
Date Acquired	**14 Jun 2000 12:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	59389	4.38 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#05

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.15

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007237.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007239.D**	Sample Name	**5468.17**
Operator	**Skelton**	Field ID	**StreamSite#07**
Date Acquired	**14 Jun 2000 2:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#07

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.17

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007239.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007224.D**	Sample Name	**5468.07**
Operator	**Skelton**	Field ID	**StreamSite#09**
Date Acquired	**14 Jun 2000 3:09 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97.

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#09

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.07

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007224.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007236.D**	Sample Name	**5468.14**
Operator	**Skelton**	Field ID	**StreamSite#16**
Date Acquired	**14 Jun 2000 12:11 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene	25.51	51007	3.74 ug/L	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#16

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.14

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007236.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007240.D**	Sample Name	**5468.18**
Operator	**Skelton**	Field ID	**StreamSite#17**
Date Acquired	**14 Jun 2000 2:50 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

C:\HPCHEM\CUSTRPT\STREAMS\SALTWATER.CRT

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#17

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.18

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007240.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007225.D**	Sample Name	**5468.08**
Operator	**Skelton**	Field ID	**StreamSite#19**
Date Acquired	**14 Jun 2000 3:49 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#19

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.08

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007225.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	VB007223.D	Sample Name	5468.06
Operator	Skelton	Field ID	StreamSite#20
Date Acquired	14 Jun 2000 2:28 am	Sample Multiplie	1

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.15	210325	6.38 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#20

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.06

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007223.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007222.D**	Sample Name	**5468.05**
Operator	**Skelton**	Field ID	**StreamSite#21**
Date Acquired	**14 Jun 2000 1:48 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.12	242701	7.17 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#21

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.05

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007222.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007221.D**	Sample Name	**5468.04**
Operator	**Skelton**	Field ID	**StreamSite#22**
Date Acquired	**14 Jun 2000 1:08 am**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether	12.14	352302	10.26 ug/L	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:04 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID.

SS#22

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.04

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007221.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007245.D**	Sample Name	**5468.23**
Operator	**Skelton**	Field ID	**StreamSite#25**
Date Acquired	**14 Jun 2000 6:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541 73 1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#25**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.: _____

Matrix: (soil/water) WATER Lab Sample ID: 5468.23

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007245.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. _____ Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007248.D**	Sample Name	**5468.26**
Operator	**Skelton**	Field ID	**StreamSite#27**
Date Acquired	**14 Jun 2000 8:10 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3 Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-97

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

6/15/00 2:30 PM

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1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#27**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.26

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007248.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

Volatile Analysis Report
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification #13461

Data File	**VB007247.D**	Sample Name	**5468.25**
Operator	**Skelton**	Field ID	**StreamSite#28**
Date Acquired	**14 Jun 2000 7:30 pm**	Sample Multiplie	**1**

CAS#	Compound Name	R.T.	Response	Result	Regulatory Level (ug/l)*	MDL	Qualifier
107028	Acrolein			not detected	780	1.85 ug/L	
107131	Acrylonitrile			not detected	0.67	2.78 ug/L	
75650	tert-Butyl alcohol			not detected	nle	8.52 ug/L	
1634044	Methyl-tert-Butyl ether			not detected	nle	0.16 ug/L	
108203	Di-isopropyl ether			not detected	nle	0.25 ug/L	
	Dichlorodifluoromethane			not detected	nle	1.68 ug/L	
74-87-3	Chloromethane			not detected	Reserved	1.16 ug/L	
75-01-4	Vinyl Chloride			not detected	525	1.06 ug/L	
74-83-9	Bromomethane			not detected	4000	1.10 ug/L	
75-00-3	Chloroethane			not detected	nle	1.01 ug/L	
75-69-4	Trichlorofluoromethane			not detected	nle	0.50 ug/L	
75-35-4	1,1-Dichloroethene			not detected	nle	0.24 ug/L	
67-64-1	Acetone			not detected	nle	1.36 ug/L	
75-15-0	Carbon Disulfide			not detected	nle	0.46 ug/L	
75-09-2	Methylene Chloride			not detected	1600	0.24 ug/L	
156-60-5	trans-1,2-Dichloroethene			not detected	nle	0.16 ug/L	
75-35-3	1,1-Dichloroethane			not detected	nle	0.12 ug/L	
108-05-4	Vinyl Acetate			not detected	nle	0.78 ug/L	
78-93-3	2-Butanone			not detected	nle	0.62 ug/L	
	cis-1,2-Dichloroethene			not detected	nle	0.17 ug/L	
67-66-3	Chloroform			not detected	470	0.30 ug/L	
75-55-6	1,1,1-Trichloroethane			not detected	nle	0.23 ug/L	
56-23-5	Carbon Tetrachloride			not detected	6.31	0.47 ug/L	
71-43-2	Benzene			not detected	71	0.23 ug/L	
107-06-2	1,2-Dichloroethane			not detected	99	0.18 ug/L	
79-01-6	Trichloroethene			not detected	81	0.23 ug/L	
78-87-5	1,2-Dichloropropane			not detected	nle	0.40 ug/L	
75-27-4	Bromodichloromethane			not detected	22	0.55 ug/L	
110-75-8	2-Chloroethyl vinyl ether			not detected	nle	0.65 ug/L	
10061-01-5	cis-1,3-Dichloropropene			not detected	nle	0.69 ug/L	
108-10-1	4-Methyl-2-Pentanone			not detected	nle	0.59 ug/L	
108-88-3	Toluene			not detected	200000	0.37 ug/L	
10061-02-6	trans-1,3-Dichloropropene			not detected	1700	0.87 ug/L	
79-00-5	1,1,2-Trichloroethane			not detected	nle	0.48 ug/L	
127-18-4	Tetrachloroethene			not detected	4.29	0.32 ug/L	
591-78-6	2-Hexanone			not detected	nle	0.71 ug/L	
126-48-1	Dibromochloromethane			not detected	nle	0.86 ug/L	
108-90-7	Chlorobenzene			not detected	21000	0.39 ug/L	
100-41-4	Ethylbenzene			not detected	27900	0.65 ug/L	
1330-20-7	m+p-Xylenes			not detected	nle	1.14 ug/L	
1330-20-7	o-Xylene			not detected	nle	0.62 ug/L	
100-42-5	Styrene			not detected	nle	0.56 ug/L	
75-25-2	Bromoform			not detected	360	0.70 ug/L	
79-34-5	1,1,2,2-Tetrachloroethane			not detected	nle	0.47 ug/L	
541-73-1	1,3-Dichlorobenzene			not detected	22200	0.55 ug/L	
106-46-7	1,4-Dichlorobenzene			not detected	3159	0.57 ug/L	
95-50-1	1,2-Dichlorobenzene			not detected	16500	0.64 ug/L	

* Water Quality Criteria as per N.J.A.C. 7:9-6 2-Sept-9

Qualifiers

B = Compound found in related blank
E = Value above linear range
D = Value from dilution
PQL = Practical Quantitation Limit

MDL = Method Detection Limit
NLE = No Limit Established
R.T. = Retention Time

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab ID. **SS#28**

Lab Name: FMETL Project: Streams

NJDEP#: 13461 Case No.: 5468 Location: 2ndQtr SDG No.:

Matrix: (soil/water) WATER Lab Sample ID: 5468.25

Sample wt/vol: 5.0 (g/ml) ML Lab File ID: VB007247.D

Level: (low/med) LOW Date Received: 6/12/00

% Moisture: not dec. Date Analyzed: 6/14/00

GC Column: RTX502. ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

PCB'S

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK536
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Field Blank
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #22
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #21
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #20
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #09
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.08
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #19
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.09
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #12
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.10
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #18
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.11
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.12
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Streram Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.13
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #13
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.14
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #16
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.15
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #5
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.16
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #4
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.17
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #7
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.18
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #17
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.19
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #3
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.20
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #14
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.21
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.22
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.23
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #25
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.24
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #26
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.25
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #28
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5468.26
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/12/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/15/00
Analysis:	EPA Method 608	**Location :**	Streams
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Site #27
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

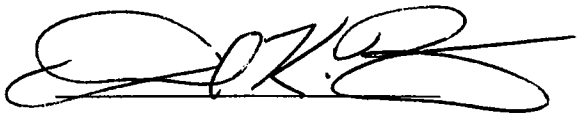
WET CHEMISTRY

Stream Water Analysis
June 2000

Sample ID	Date Sampled	Stream Site#	Temp °C	pH	Ammonia (mg/L)	Nitrates (mg/L)	Phosphates (mg/L)	Sulfates (mg/L)	DO (mg/L)	T.Coliform (cfu/100ml)	F.Coliform (cfu/100ml)	% Salinity
5468.04	06/12/00	22	27.9	7.83	0.645	0.3	ND	1700	6.88	380	80	18
5468.05	06/12/00	21	28.8	7.81	ND	0.3	ND	1700	6.99	520	40	19
5468.06	06/12/00	20	27.5	7.82	ND	0.4	ND	1350	7.11	1380	260	18
5468.07	06/12/00	09	25.3	7.71	ND	0.6	ND	86	7.32	6600	680	1
5468.08	06/12/00	19	25.7	6.87	ND	0.7	ND	20	7.41	880	480	0
5468.09	06/12/00	12	26.6	7.94	ND	0.6	ND	20	6.41	1340	280	0
5468.10	06/12/00	18	26.4	7.41	ND	0.8	ND	18	6.37	920	220	0
5468.11	06/12/00	11	20.5	6.96	ND	1.6	ND	23	7.21	1800	1060	0
5468.12	06/12/00	15	24.2	6.84	ND	0.9	ND	30	7.31	920	380	0
5468.13	06/12/00	13	22.1	6.77	ND	0.8	ND	29	7.37	820	240	0
5468.14	06/12/00	16	25.9	6.78	ND	0.9	ND	29	6.71	920	580	0
5468.15	06/12/00	05	26.3	6.72	ND	0.8	ND	47	6.67	2100	580	1
5468.16	06/12/00	04	26.8	6.75	ND	0.6	ND	120	6.65	1160	860	2
5468.17	06/12/00	07	27.1	6.86	ND	0.3	ND	200	6.69	6800	1480	4
5468.18	06/12/00	17	25.1	7.10	ND	0.4	ND	49	6.71	1380	940	0
5468.19	06/12/00	03	23.2	7.18	ND	0.5	ND	30	6.99	1560	960	0
5468.20	06/12/00	14	23.1	6.97	ND	0.6	ND	27	7.21	1720	920	0
5468.21	06/12/00	23	24.9	6.82	ND	0.8	ND	30	7.21	720	200	0
5468.22	06/12/00	24	24.3	6.52	0.329	0.9	ND	15	7.33	1020	460	0
5468.23	06/12/00	25	25.2	7.06	ND	0.2	ND	20	6.81	1340	640	1
5468.24	06/12/00	26	23.4	7.15	ND	0.6	ND	31	6.53	1720	760	0
5468.25	06/12/00	28	26.8	6.81	ND	0.3	ND	130	6.66	12300	920	3
5468.26	06/12/00	27	27.1	6.91	ND	0.2	ND	250	6.51	6300	1400	5

mg/L = parts per million
cfu = colony forming units
ND = Not Detected

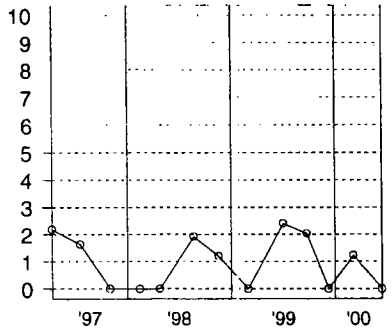
Completed:06/16/00
Reviewed: 06/16/00



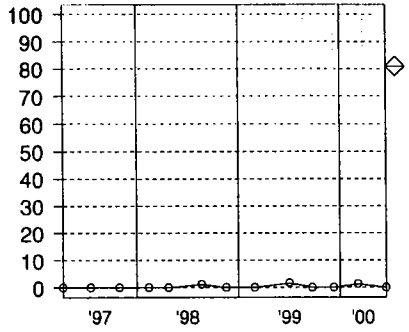
Daniel K. Wright

Laboratory Director

cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Tetrachloroethene
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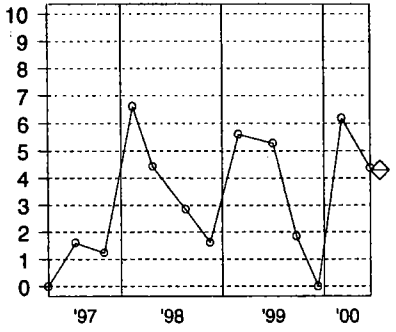
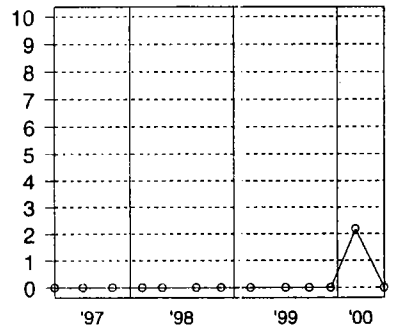


Methyl-tert-Butyl Ether
(ug/)



SOURCE: 4

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 2 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	81	4.29	-
04/08/1997	FMETL	1.96	1.80	ND	2.28	ND
07/17/1997	FMETL	ND	3.66	ND	3.54	ND
10/30/1997	FMETL	ND	1.83	ND	1.70	ND
02/10/1998	FMETL	ND	ND	ND	6.34	ND
04/21/1998	FMETL	ND	ND	ND	4.48	ND
08/19/1998	FMETL	ND	2.28	1.27	3.39	ND
11/17/1998	FMETL	ND	1.67	ND	2.17	ND
02/25/1999	FMETL	ND	ND	ND	5.45	ND
06/29/1999	FMETL	ND	2.74	1.74	6.04	ND
09/22/1999	FMETL	ND	1.96	ND	1.82	ND
12/09/1999	FMETL	ND	1.60	ND	3.82	ND
03/01/2000	FMETL	ND	1.27	1.36	6.62	2.34
06/12/2000	FMETL	ND	ND	ND	4.38	ND

SOURCE: 5

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 5 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

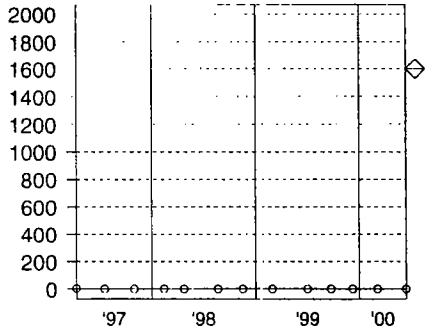
Fort Monmouth

GW Monitoring
Streams

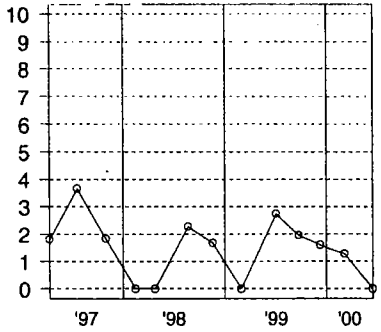
Well 3 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

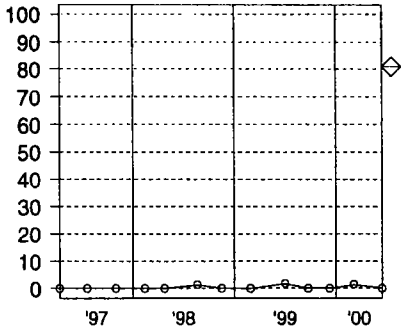
Methylene Chloride
(ug/)



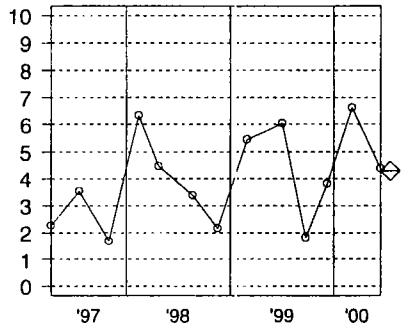
cis-1,2-Dichloroethene
(ug/l)



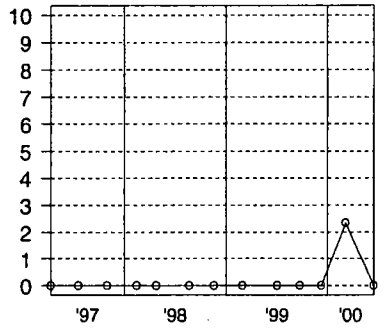
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 5

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 3 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.14	ND	1.08	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	2.04	ND	ND
04/21/1998	FMETL	ND	ND	2.40	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/17/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	2.85	ND	ND
06/29/1999	FMETL	ND	ND	1.42	2.94	2.00
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	1.19	1.30	6.47	ND	2.14
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 7

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 7 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.
Acetone limit is NLE.

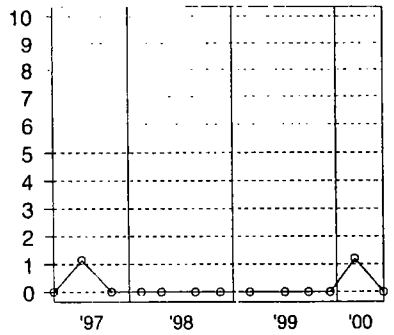
Fort Monmouth

GW Monitoring
Streams

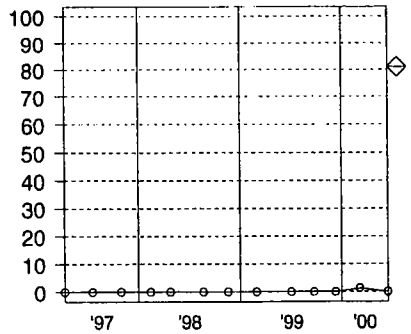
Well 4 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

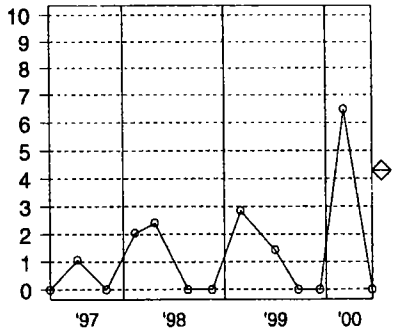
cis-1,2-Dichloroethene
(ug/l)



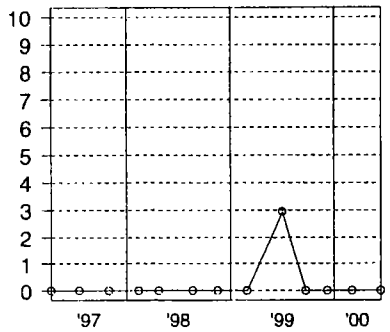
Trichloroethene
(ug/l)



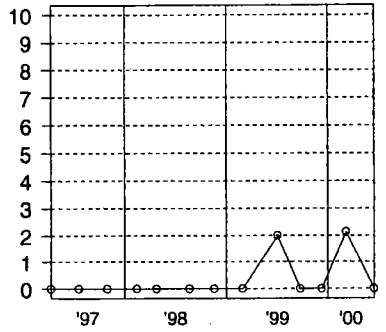
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 7

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 4 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Methylene Chloride	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	1600	-	-
04/08/1997	FMETL	1.82	2.78	ND
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	ND	2.14	ND
02/10/1998	FMETL	ND	6.00	ND
04/21/1998	FMETL	ND	4.73	ND
08/19/1998	FMETL	ND	1.69	ND
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	1.78	ND
06/29/1999	FMETL	ND	ND	2.50
09/21/1999	FMETL	ND	1.91	ND
12/09/1999	FMETL	ND	ND	25.08
03/01/2000	FMETL	ND	2.17	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 9

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 9 is Salt-Water.
MeCl limit is 1600 ug/L.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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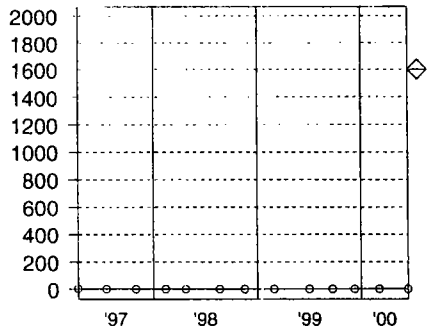
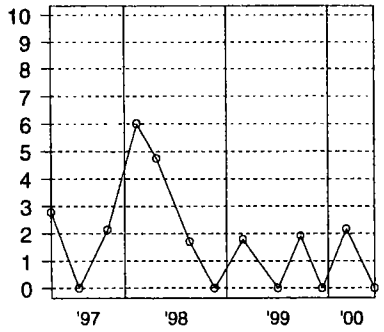
FORT MONMOUTH
SELFM-PW-EV

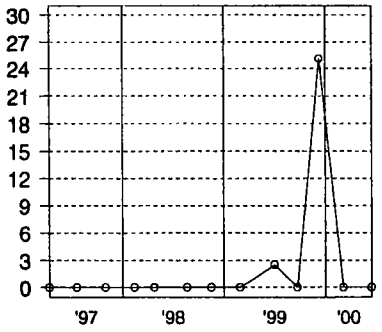
Methylene Chloride
(ug/l)



cis-1,2-Dichloroethene
(ug/l)



Acetone
(ug/l)



SOURCE: 9

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 5 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	-
04/08/1997	FMETL	18.72	1.58	ND
07/17/1997	FMETL	14.13	ND	ND
10/30/1997	FMETL	18.23	ND	ND
02/10/1998	FMETL	24.71	2.14	ND
04/21/1998	FMETL	21.66	1.82	ND
08/19/1998	FMETL	11.73	ND	ND
11/18/1998	FMETL	8.82	ND	ND
02/25/1999	FMETL	9.11	ND	ND
06/29/1999	FMETL	5.77	ND	ND
09/21/1999	FMETL	15.62	ND	ND
12/09/1999	FMETL	11.90	ND	ND
03/01/2000	FMETL	11.01	ND	1.64
06/12/2000	FMETL	8.03	ND	ND

SOURCE: 11

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF1
Stream 11 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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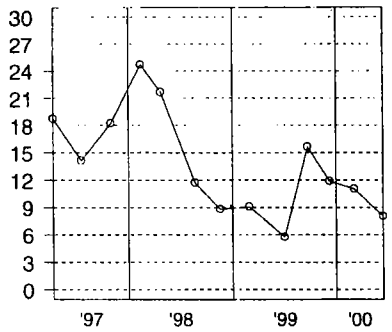
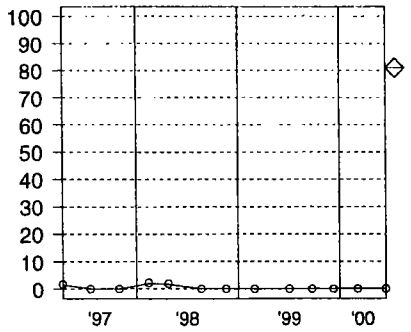
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

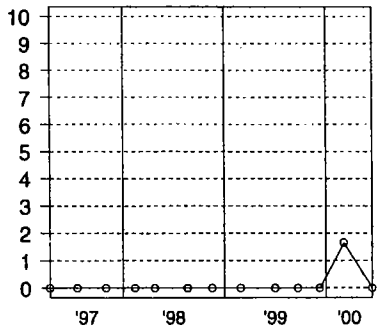
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 11

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 6 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

	Lab	cis-1,2-di chloro ethene	Acetone
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	6.63	ND
07/17/1997	FMETL	ND	ND
10/30/1997	FMETL	5.67	ND
02/10/1998	FMETL	6.54	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	4.58	ND
11/18/1998	FMETL	2.48	ND
02/25/1999	FMETL	1.80	ND
06/29/1999	FMETL	1.39	ND
09/21/1999	FMETL	3.67	9.54
12/09/1999	FMETL	2.74	ND
03/01/2000	FMETL	3.13	ND
06/12/2000	FMETL	ND	ND

SOURCE: 12

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 12 is Fresh-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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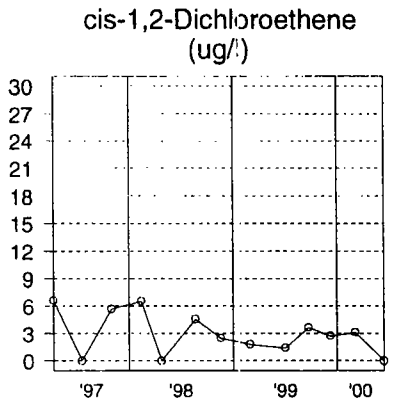
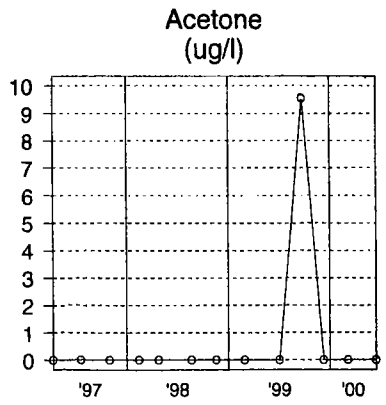
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 12

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 7 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-dichloroethene	Trichloroethene	Tetrachloroethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	-
04/08/1997	FMETL	ND	ND	ND	2.81	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	ND	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	3.94	ND	ND
03/01/2000	FMETL	1.35	1.40	6.92	ND	2.40
06/12/2000	FMETL	ND	ND	5.56	ND	ND

SOURCE: 13

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 13 is Fresh-Water.
MeCl limit is 2.49 ug/L.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
PCE limit is 0.388 ug/L.
Acetone limit is NLE.
MTBE limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
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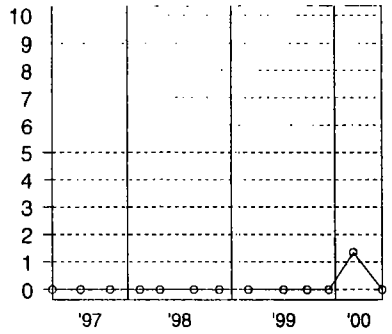
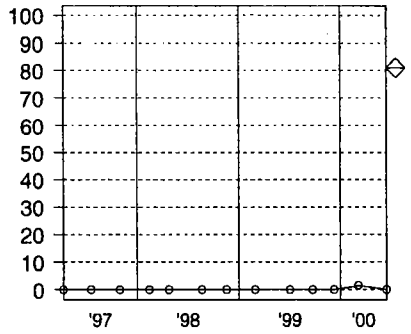
SELFM-PW-EV

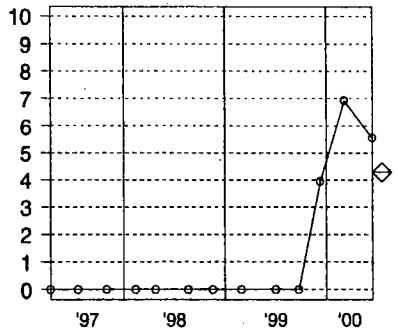
cis-1,2-Dichloroethene (ug/l)



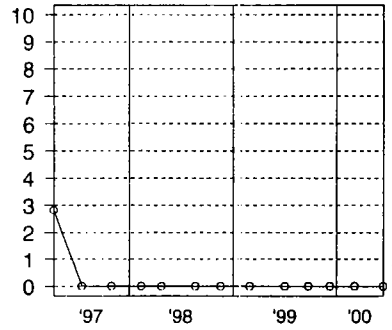
Trichloroethene (ug/l)



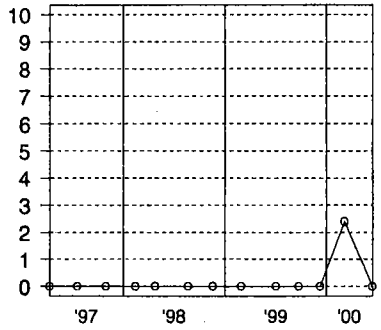
Tetrachloroethene (ug/l)



Acetone (ug/l)



Methyl-tert-Butyl Ether (ug/l)



SOURCE: 13

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 8 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Acetone
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	-
04/08/1997	FMETL	ND	ND	3.94
07/17/1997	FMETL	ND	ND	ND
10/30/1997	FMETL	1.59	1.75	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND
11/18/1998	FMETL	ND	ND	3.32
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND
09/22/1999	FMETL	ND	ND	ND
12/09/1999	FMETL	11.26	ND	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 14

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 14 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09.
Acetone limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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FORT MONMOUTH
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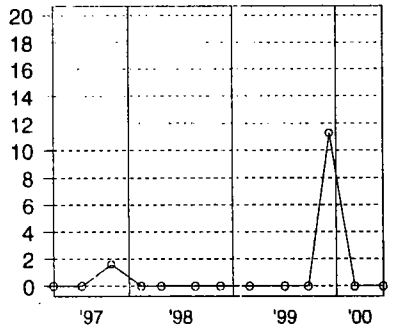
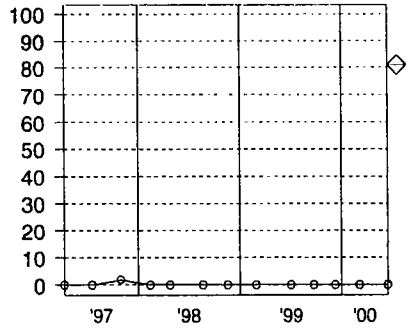
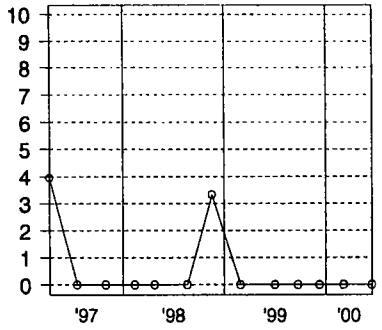
cis-1,2-Dichloroethene
(ug/l)



Trichloroethene
(ug/l)



Acetone
(ug/l)



SOURCE: 14

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 9 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.69	1.60	6.00	ND
07/17/1997	FMETL	5.53	2.50	7.12	ND
10/30/1997	FMETL	2.57	ND	2.72	ND
02/10/1998	FMETL	ND	1.03	6.90	ND
04/21/1998	FMETL	1.22	1.21	5.72	ND
08/19/1998	FMETL	3.89	2.06	5.39	ND
11/18/1998	FMETL	ND	ND	ND	ND
02/25/1999	FMETL	ND	ND	7.33	ND
06/29/1999	FMETL	4.17	2.40	7.86	ND
09/21/1999	FMETL	3.59	1.37	2.61	ND
12/09/1999	FMETL	ND	ND	4.08	ND
03/01/2000	FMETL	1.39	1.39	6.95	2.38
06/12/2000	FMETL	ND	ND	5.94	ND

SOURCE: 15

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 15 is Fresh-Water.
cis-1,2-Di limit is NLE.
TCE limit is 1.09 ug/L.
PCE limit is 0.388 ug/L.
PCE limit is 0.388 ug/L.
MTBE limit is NLE.

Fort Monmouth

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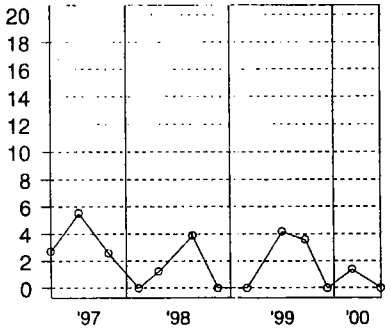
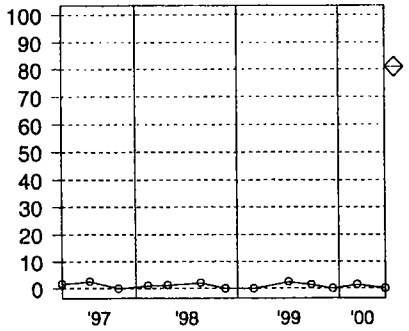
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

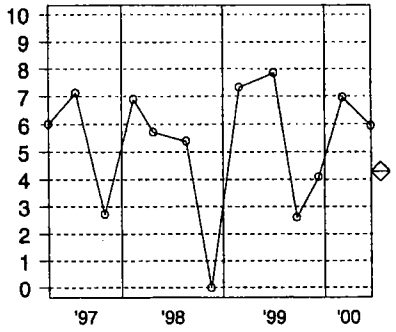
cis-1,2-Dichloroethene
(ug/l)



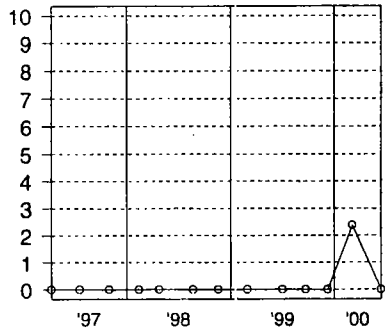
Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)



Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 15

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 10 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-
04/08/1997	FMETL	2.05	1.26	4.47	ND
07/17/1997	FMETL	2.55	ND	4.72	ND
10/30/1997	FMETL	1.76	ND	1.86	ND
02/10/1998	FMETL	ND	ND	6.23	ND
04/21/1998	FMETL	ND	ND	4.58	ND
08/19/1998	FMETL	2.94	1.63	4.33	ND
11/18/1998	FMETL	ND	ND	1.48	ND
02/25/1999	FMETL	ND	ND	6.06	ND
06/29/1999	FMETL	3.56	2.25	7.70	ND
09/22/1999	FMETL	2.74	ND	2.63	ND
12/09/1999	FMETL	1.79	ND	4.13	ND
03/01/2000	FMETL	1.28	1.27	6.47	2.33
06/12/2000	FMETL	ND	ND	3.74	ND

SOURCE: 16

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 16 is Salt-Water.
cis-1,2-di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
MTBE limit is NLE.

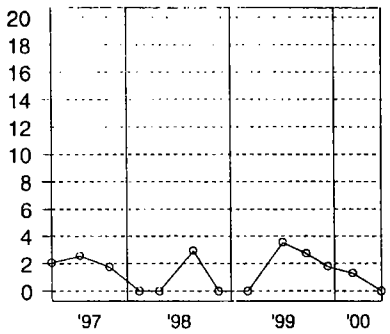
Fort Monmouth

GW Monitoring
Streams

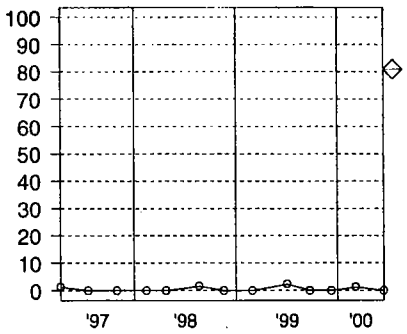
Well 11 of 17

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

cis-1,2-Dichloroethene
(ug/l)

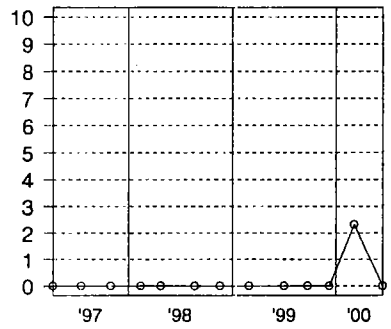


Trichloroethene
(ug/l)



Tetrachloroethene
(ug/l)

Methyl-tert-Butyl Ether
(ug/l)



SOURCE: 16

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 11 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	1.97	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	ND	ND	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND	ND	1.59
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	ND	ND	ND	ND	ND
11/18/1998	FMETL	4.43	2.12	5.09	ND	ND
02/25/1999	FMETL	ND	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/22/1999	FMETL	1.09	ND	ND	ND	ND
12/09/1999	FMETL	ND	ND	ND	ND	ND
03/01/2000	FMETL	ND	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 17

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

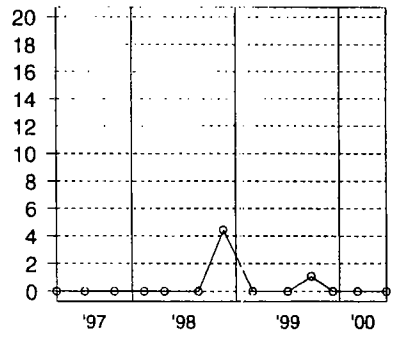
PAGE 1 OF 1
stream 17 is Salt-Water.
cis-1,2-Di limit is NLE.
TCE limit is 81 ug/L.
PCE limit is 4.29 ug/L.
Acetone limit is NLE.
Chlorobenzene limit is 21000 ug/L.

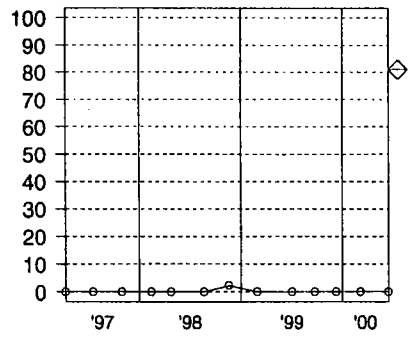
Fort Monmouth

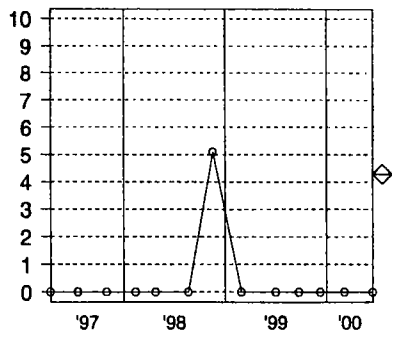
GW Monitoring
Streams

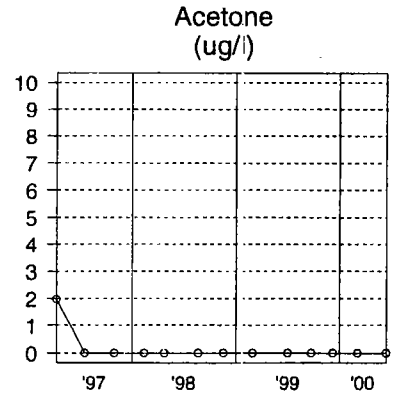
Well 12 of 17

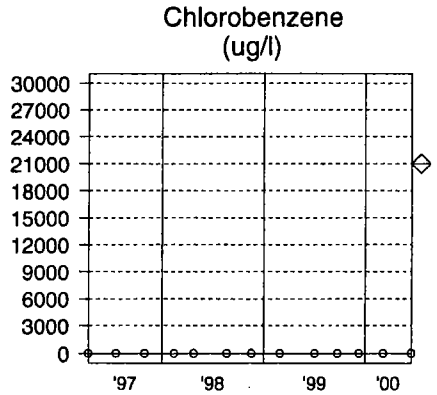
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 17

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 12 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	ND	ND	ND	ND	ND
07/17/1997	FMETL	1.06	ND	ND	ND	ND
10/30/1997	FMETL	5.87	ND	ND	ND	ND
02/10/1998	FMETL	14.36	ND	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND	ND	ND
08/19/1998	FMETL	4.65	ND	ND	ND	ND
11/18/1998	FMETL	3.18	ND	ND	ND	ND
02/25/1999	FMETL	3.95	ND	ND	ND	ND
06/29/1999	FMETL	1.47	ND	ND	ND	ND
09/21/1999	FMETL	4.67	ND	ND	ND	ND
12/09/1999	FMETL	4.90	ND	ND	ND	ND
03/01/2000	FMETL	5.57	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 18

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

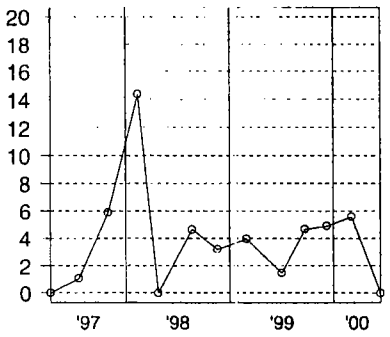
PAGE 1 OF 1
Stream 18 is Fresh-Water.
cis-1,2-Di limit is NLE.

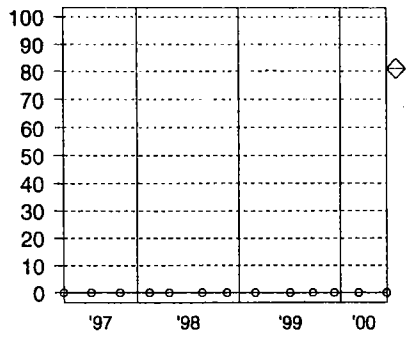
Fort Monmouth

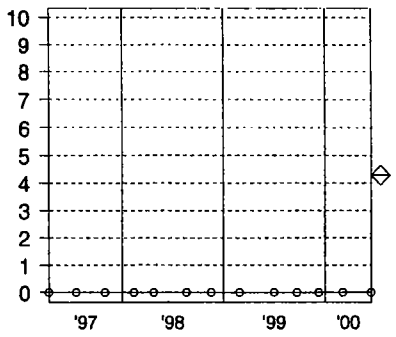
GW Monitoring
Streams

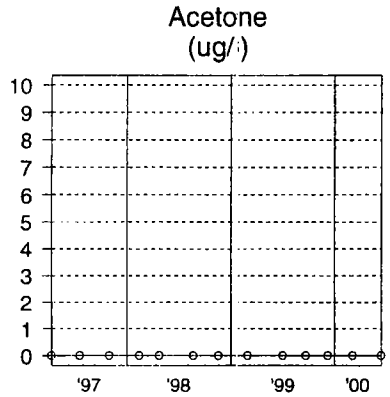
Well 13 of 17

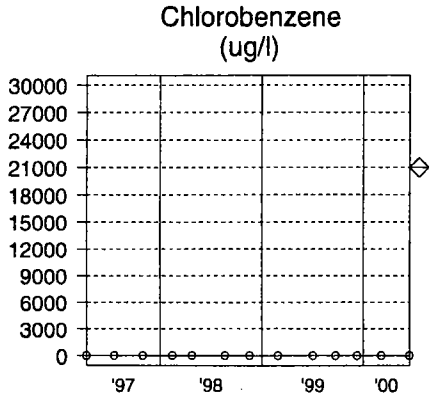
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV











SOURCE: 18

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 13 of 17, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\vntech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Trichloro ethene	Tetrachloro ethene	Acetone	Chloro benzene
Units:	-	ug/l	ug/l	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	81	4.29	-	21000
04/08/1997	FMETL	6.44	ND	ND	ND	ND
07/17/1997	FMETL	ND	ND	ND	ND	ND
10/30/1997	FMETL	4.69	ND	ND	ND	ND
02/10/1998	FMETL	8.22	ND	ND	ND	ND
04/21/1998	FMETL	6.86	ND	ND	ND	ND
08/19/1998	FMETL	2.95	ND	ND	ND	ND
11/17/1998	FMETL	2.3	ND	ND	ND	ND
02/25/1999	FMETL	2.30	ND	ND	ND	ND
06/29/1999	FMETL	ND	ND	ND	ND	ND
09/21/1999	FMETL	3.53	ND	ND	ND	ND
12/09/1999	FMETL	2.60	ND	ND	ND	ND
03/01/2000	FMETL	2.92	ND	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND	ND	ND

SOURCE: 19

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 19 is Salt-Water.
cis-1,2-Di limit is NLE.

Fort Monmouth

GW Monitoring
Streams

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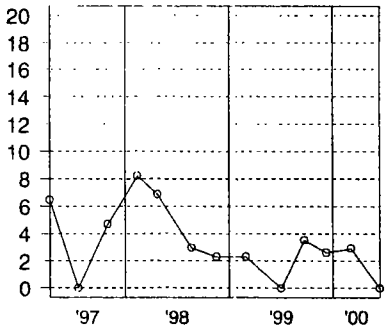
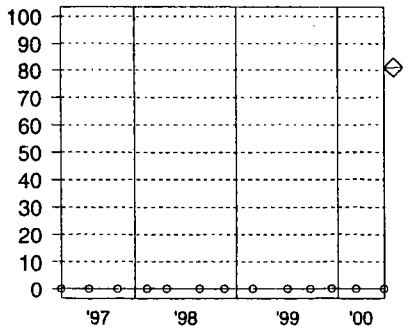
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

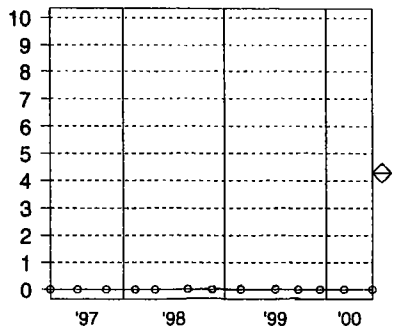
cis-1,2-Dichloroethene
(ug/l)



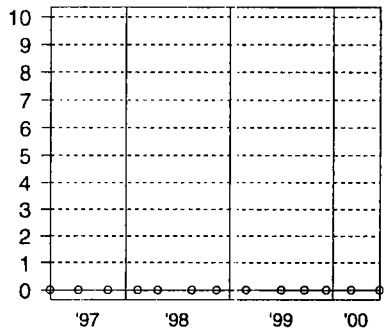
Trichloroethene
(ug/l)



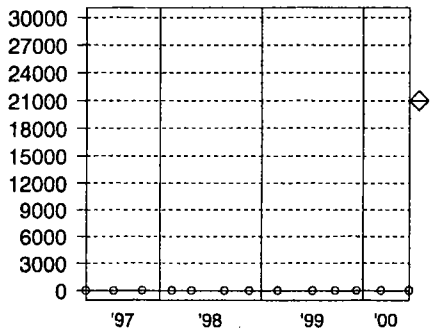
Tetrachloroethene
(ug/l)



Acetone
(ug/l)



Chlorobenzene
(ug/l)



SOURCE: 19

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Ethyl benzene	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	27900	-
04/08/1997	FMETL	2.18	ND
07/17/1997	FMETL	ND	2.63
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.85
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	5.70
09/21/1999	FMETL	ND	2.10
12/09/1999	FMETL	ND	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	6.38

SOURCE: 20

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream20 is Salt-Water.
Ethylben limit is 27900 ug/L.
MTBE limit is NLE.

Fort Monmouth

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Streams

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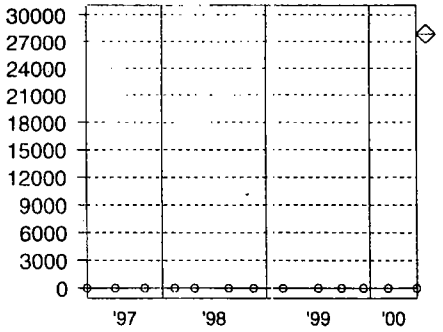
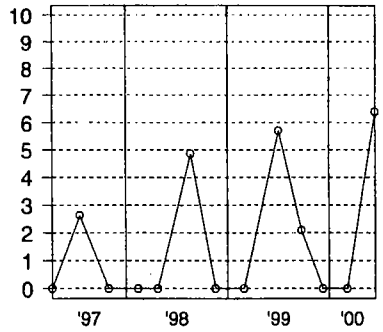
SELFM-PW-EV





SOURCE: 20

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

Well 15 of 17, Graph

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FORT MONMOUTH
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06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	cis-1,2-di chloro ethene	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l	ug/l
NJDEP Criteria:	-	-	-	-
04/08/1997	FMETL	ND	ND	ND
07/17/1997	FMETL	ND	ND	2.90
10/30/1997	FMETL	ND	ND	ND
02/10/1998	FMETL	ND	ND	ND
04/21/1998	FMETL	ND	ND	ND
08/19/1998	FMETL	ND	ND	4.71
11/17/1998	FMETL	ND	ND	ND
02/25/1999	FMETL	ND	ND	ND
06/29/1999	FMETL	ND	ND	7.40
09/21/1999	FMETL	1.17	ND	2.24
12/09/1999	FMETL	ND	27.52	ND
03/01/2000	FMETL	ND	ND	ND
06/12/2000	FMETL	ND	ND	ND

SOURCE: 21

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Sream 21 is Salt-Water.
cis-1,2-Di limit is NLE.
Acetone limit is NLE.
MTBE limit is NLE.

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GW Monitoring
Streams

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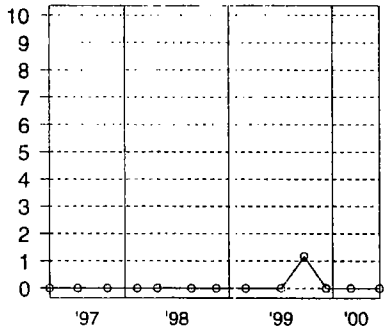

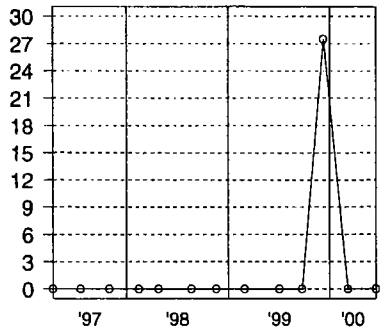

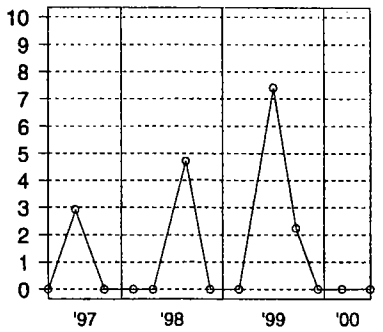

SOURCE: 21

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Acetone	Methyl-tert Butyl ether
Units:	-	ug/l	ug/l
NJDEP Criteria:	-	-	-
04/08/1997	FMETL	ND	ND
07/17/1997	FMETL	ND	4.26
10/30/1997	FMETL	ND	ND
02/10/1998	FMETL	ND	ND
04/21/1998	FMETL	ND	ND
08/19/1998	FMETL	ND	4.50
11/17/1998	FMETL	ND	ND
02/25/1999	FMETL	ND	ND
06/29/1999	FMETL	ND	8.30
09/21/1999	FMETL	ND	0.82
12/09/1999	FMETL	32.77	ND
03/01/2000	FMETL	ND	ND
06/12/2000	FMETL	ND	10.26
06/12/2000D	FMETL	ND	10.66

SOURCE: 22

Sampling Dates:
04/08/1997 - 06/12/2000

NOTES:

PAGE 1 OF 1
Stream 22 is Salt-Water.
Acetone limit is NLE.
MTBE limit is NLE.

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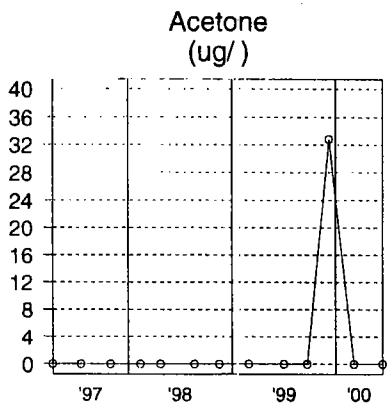
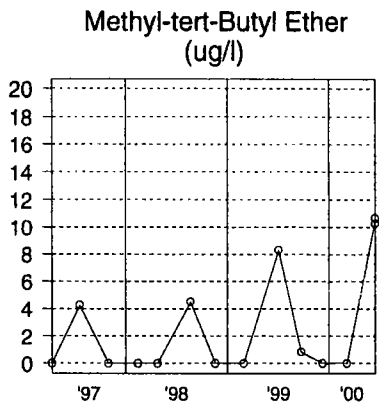
FORT MONMOUTH
SELFM-PW-EV





SOURCE: 22

Sampling Dates:
04/08/1997 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

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Streams

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Tetrachloroethene
Units:	-	ug/l
NJDEP Criteria:	-	4.29
06/12/2000	FMETL	5.60

SOURCE: 23

Sampling Dates:
06/12/2000 - 06/12/2000

NOTES:

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Streams

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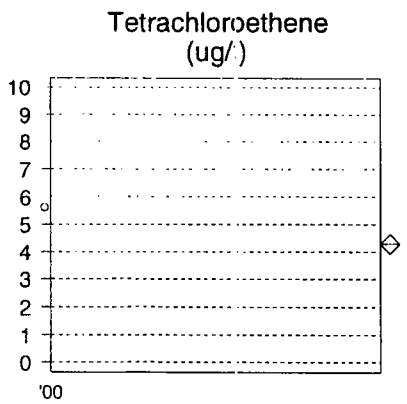
U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 23

Sampling Dates:
06/12/2000 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 18 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

	Lab	Tetrachloroethene
Units:	-	ug/l
NJDEP Criteria:	-	4.29
06/12/2000	FMETL	4.72

SOURCE: 24

Sampling Dates:
06/12/2000 - 06/12/2000

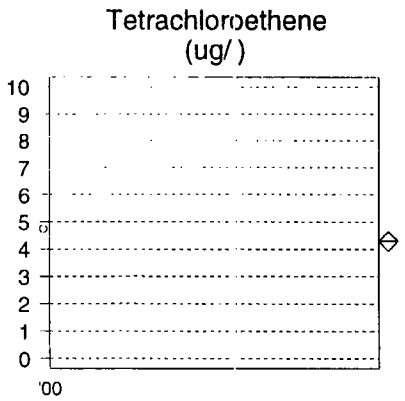
NOTES:

Fort Monmouth

GW Monitoring
Streams

Well 19 of 23

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV



SOURCE: 24

Sampling Dates:
06/12/2000 - 06/12/2000

LEGEND:

PARAMETER

o = Date Sampled

NJDEP Criteria

Fort Monmouth

GW Monitoring
Streams

Well 19 of 23, Graph

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

06-19-2000 x:\mtech46\fm\streams\gw\streams.wsf

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 4

SEDIMENT (STREAM) SAMPLING
PCB – INVESTIGATION
PRESENTED IN TABLE 7

April 2000

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Stream Sediments

M2/Landfill

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
M2/ 1 0-6"	5346.01	Sediment	14-Apr-00 13:33	04/14/00
M2/ 1 6-12"	5346.02	Sediment	14-Apr-00 13:35	04/14/00
M2/ 2 0-6"	5346.03	Sediment	14-Apr-00 13:37	04/14/00
M2/ 2 6-12"	5346.04	Sediment	14-Apr-00 13:39	04/14/00
M2/ 3 0-6"	5346.05	Sediment	14-Apr-00 13:41	04/14/00
M2/ 3 6-12"	5346.06	Sediment	14-Apr-00 13:43	04/14/00
M2/ 4 0-6"	5346.07	Sediment	14-Apr-00 13:48	04/14/00
M2/ 4 6-12"	5346.08	Sediment	14-Apr-00 13:50	04/14/00
M2/ 5 0-6"	5346.09	Sediment	14-Apr-00 13:53	04/14/00
M2/ 5 6-12"	5346.10	Sediment	14-Apr-00 13:55	04/14/00
M2/ 6 0-6"	5346.11	Sediment	14-Apr-00 13:58	04/14/00
M2/ 6 6-12"	5346.12	Sediment	14-Apr-00 14:00	04/14/00
M2/ 7 0-6"	5346.13	Sediment	14-Apr-00 14:05	04/14/00
M2/ 7 6-12"	5346.14	Sediment	14-Apr-00 14:07	04/14/00
M2/ 8 0-6"	5346.15	Sediment	14-Apr-00 14:10	04/14/00
M2/ 8 6-12"	5346.16	Sediment	14-Apr-00 14:12	04/14/00
M2/ 9 0-6"	5346.17	Sediment	14-Apr-00 14:14	04/14/00
M2/ 9 6-12"	5346.18	Sediment	14-Apr-00 14:16	04/14/00
M2/ 10 0-6"	5346.19	Sediment	14-Apr-00 14:22	04/14/00
M2/ 10 6-12"	5346.20	Sediment	14-Apr-00 14:24	04/14/00
M2/ 11 0-6"	5346.21	Sediment	14-Apr-00 14:30	04/14/00
M2/ 11 6-12"	5346.22	Sediment	14-Apr-00 14:33	04/14/00
M2/ 12 0-6"	5346.23	Sediment	14-Apr-00 14:35	04/14/00
M2/ 12 6-12"	5346.24	Sediment	14-Apr-00 14:38	04/14/00
DUP. 0-6"	5346.25	Sediment	14-Apr-00	04/14/00
DUP. 6-12"	5346.26	Sediment	14-Apr-00	04/14/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's, %SOLIDS

5-15-00
Daniel Wright/Date
Laboratory Director

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X26223
(X)DERA ( )OMA ( )Other:

Project No:
Location: M2 Landfill
Stream Sediments

Samplers Name / Company: Corey McCormack, TUS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB's								Comments: / Remarks / Preservation Method
33466.01	M2 1 0-6"	4/14/00	1333	Sed	1	✓								4°C
.02	" 1 6-12"		1335			✓								
.03	M2 2 0-6"		1337			✓								
.04	" 2 6-12"		1339			✓								
.05	M2 3 0-6"		1341			✓								
.06	" 3 6-12"		1343			✓								
.07	M2 4 0-6"		1348			✓								
.08	" 4 6-12"		1350			✓								
.09	M2 5 0-6"		1353			✓								
.10	" 5 6-12"		1355			✓								
.11	M2 6 0-6"		1358			✓								
.12	" 6 6-12"		1400			✓								
.13	M2 7 0-6"		1405			✓								
.14	" 7 6-12		1407			✓								

Relinquished by (signature)	Date/Time	Received by (signature)	Relinquished by (signature)	Date/Time	Received by (signature)
Corey McCormack	4/14/00 1500	J. Wright			

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, (X)Rush 10 Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: Low

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: J. FALLON
Phone #: X20223
(X)DERA ( )OMA ( )Other:_____

Project No:
Location: M2 Landfill stream sediments

Samplers Name / Company: Corey McCormack, TUS

Analysis Parameters: PCB's

Comments: 4°C

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's	Remarks / Preservation Method
5346. .15	M2 8 0-6"	4/14/00	1410	Sed	1	✓	
.16	" 8 6-12"		1412			✓	
.17	M2 9 0-6		1414			✓	
.18	" 9 6-12"		1416			✓	
.19	M2 10 0-6"		1422			✓	
.20	" 10 6-12"		1424			✓	
.21	M2 11 0-6"		1430			✓	
.22	" 11 6-12"		1433			✓	
.23	M2 12 0-6"		1435			✓	
.24	" 12 6-12"		1438			✓	
.25	Dupe 0-6"		—			✓	
.26	Dupe 6-12"	↓	—	↓	↓	✓	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	4/14/00 1500				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush ~~1W~~ Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide Low

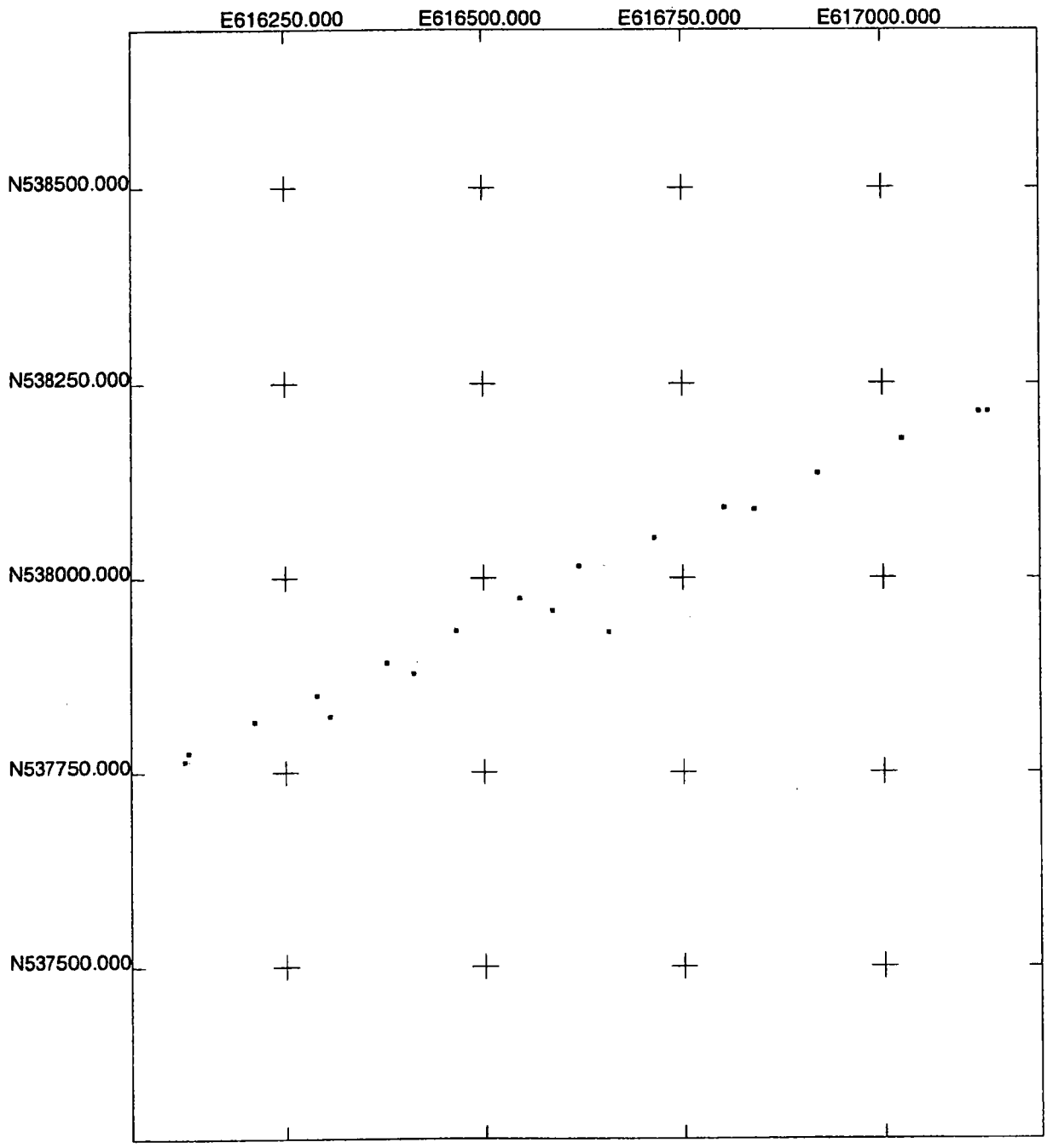
Landfill Stream Sediment PCB's Sample Event Site Field Summary for M2

Mill Creek runs along the northern side of the M2 landfill for approximately 1400 feet. Certain portions of the creek have had heavy restoration work started. This work consists of large rock and rip-rap. The remainder of the bank has been left as it was. Man made materials are present in, and on the bank in these areas, with trees and bramble as the main vegetation. The bank is steep as well. Fallen trees, and man made debris in the creek are scattered the entire length.

Flow is constant, with depth tidally affected. It is not however, greatly affected. Pools exist, and range from 1- 5 feet deep. The remainder of the bed is shallow, never less than 3 inches. Tide was low at time of sampling. The weather was sunny, and warm.

Depositional areas were numerous, with many often large and slightly submerged. Sampling targeted these areas. Where there was not a depositional area, 1 sample per 100 feet was taken.

GPS



M2 Landfill Stream Sediments PCB Samples GPS Map

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:2500
0 300.0
US Survey Feet

m2 r021219a.cor
04/27/2000
Pathfinder Office
Trimble

M2 LANDFILL STREAM SEDIMENT PCB'S SAMPLE GPS POSITIONS & COORDINATES

US STATE PLANE 9183 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN US SURVEY FEET)

SAMPLE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
1	538213.982	617119.818
2	538179.138	617023.141
3	538135.222	616918.229
4	538091.306	616801.119
5	538052.269	616713.286
6	538015.672	616618.134
7	537974.195	616544.94
8	537932.718	616464.426
9	537891.242	616376.593
10	537849.765	616288.76
11	537815.608	616210.686
12	537775.656	616128.343

REFERENCE POINTS

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
M2 MW05	537765.115	616123.934
M2 MW06	537822.435	616305.216
M2 MW07	537877.752	616410.608
M2 MW08	537958.701	616585.347
M2 MW04	537930.91	616654.789
M2 MW09	538088.831	616838.561
M2 MW10	538214.425	617131.284

BORING LOGS

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-1

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SAND, Fine. Brown.	
			SAND, Fine. Brown/Grey.	
4	5346.01	1		1333
			Organic Material. Black.	
8				
	5346.02	2	SAND, Fine. Brown/Grey.	1335
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI-1\M2-1.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-2

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SAND, Fine. Brown.	
4	5346.03	1	SAND, Fine. Brown/Black.	1337
8	5346.04	2	SAND, Fine. Black.	1339
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-2.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-3

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0	5346.05	1	SAND, Fine. Brown.	1341
4	5346.06	2	SAND, Fine. Brown/Grey.	1343
8				
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-3.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-4

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0	5346.07	1	SAND, Fine. Brown.	1348
4	5346.08	2	SAND, Fine. Brown/Black.	1350
8				
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI-1\M2-4.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-5

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SILT, VERY FINE. Brown.	
			SAND, Fine. Brown/Grey. Sl. Rounds. Yellow.	
4	5346.09	1		1353
			SAND, Fine. Grey.	
8	5346.10	2		1355
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-5.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-6

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SILT, VERY FINE. Brown.	
			SAND, Fine. Brown/Grey.	
	5346.11	1		1358
4				
			SAND, Fine. Grey.	
8	5346.12	2		1400
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-6.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-7

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SILT, VERY FINE. Brown.	
			SAND, Fine. Brown/Grey.	
	5346.13	1		1405
4				
			SAND, Fine. Brown/Grey.	
8	5346.14	2		1407
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI-1\M2-7.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-8

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0	5346.15	1	SAND, Fine. Brown/Grey.	1410
4				
8	5346.16	2	SAND, Fine. Grey. Some Organic Material. Black.	1412
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI-1\M2-8.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-9

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SAND, Fine. Brown.	
			Organic Material. Black.	
	5346.17	1		1414
4				
			SANDY CLAY, Fine. Grey.	
8				
	5346.18	2		1416
			CLAY. Grey.	
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-9.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-10

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SILT, Fine. Brown.	
			SILTY SAND, Fine. Dk. Brown.	
	5346.19	1		1422
4			SAND, Fine. Black/Grey. Sm. Rounds. Yellow.	
			Oragnic Material. Black.	
8	5346.20	2		1424
			SAND, Fine. Black/Grey.	
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI-1\M2-10.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-11

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			Large Rounds. Yellow.	
4	5346.21	1	SAND, Fine. Dk. Brown. Med. Rounds. Yellow.	1430
8	5346.22	2	SAND, Fine. Dk. Brown. Sm. Rounds. Yellow.	1433
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-11.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING B-12

US ARMY
FT. MONMOUTH N.J.
SELFM-PW-EV
JOSEPH FALLON

M2 Landfill Sediments

DATE COMPLETED : 04/14/00
SAMPLE DEVICE : WILDCO SEDIMENT SAMPLER
SAMPLER : COREY MCCORMACK
CONTRACTOR : TVS-PWS-07 ENV.
LOCATON : M2

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME
0			SANDY SILT, Fine. Dk. Brown. Med. Rounds. Yellow.	
	5346.23	1	SAND, Fine. Dk. Brown/Black.	1435
4				
			SILTY SAND, Fine. Black. Sm. Rounds. Yellow.	
8	5346.24	2		1438
12				
16				
20				
24				

04-20-2000 X:\MTECH5\LANDFI~1\M2-12.BOR

PCB's

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK511
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Sediment		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	100.00	0.0022	ND	0.007	53.000	10.00
Arochlor 1221	0.2	100.00	0.0041	ND	NA	NA	10.00
Arochlor 1232	0.2	100.00	0.0028	ND	NA	NA	10.00
Arochlor 1242	0.2	100.00	0.0032	ND	NA	NA	10.00
Arochlor 1248	0.2	100.00	0.0013	ND	0.030	150.000	10.00
Arochlor 1254	0.2	100.00	0.0008	ND	0.060	34.000	10.00
Arochlor 1260	0.2	100.00	0.0007	ND	0.005	24.000	10.00
Total PCB	0.2	100.00	0.0152	ND	0.070	530.000	10.00

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK512
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Sediment		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	100.00	0.0022	ND	0.007	53.000	10.00
Arochlor 1221	0.2	100.00	0.0041	ND	NA	NA	10.00
Arochlor 1232	0.2	100.00	0.0028	ND	NA	NA	10.00
Arochlor 1242	0.2	100.00	0.0032	ND	NA	NA	10.00
Arochlor 1248	0.2	100.00	0.0013	ND	0.030	150.000	10.00
Arochlor 1254	0.2	100.00	0.0008	ND	0.060	34.000	10.00
Arochlor 1260	0.2	100.00	0.0007	ND	0.005	24.000	10.00
Total PCB	0.2	100.00	0.0152	ND	0.070	530.000	10.00

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK515
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	4/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/24/00
Analysis:	SW-846 Method 8082	**Location :**	
Matrix:	Sediment		
Analyst:	T. Frankovich	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	100.00	0.0022	ND	0.007	53.000	10.00
Arochlor 1221	0.2	100.00	0.0041	ND	NA	NA	10.00
Arochlor 1232	0.2	100.00	0.0028	ND	NA	NA	10.00
Arochlor 1242	0.2	100.00	0.0032	ND	NA	NA	10.00
Arochlor 1248	0.2	100.00	0.0013	ND	0.030	150.000	10.00
Arochlor 1254	0.2	100.00	0.0008	ND	0.060	34.000	10.00
Arochlor 1260	0.2	100.00	0.0007	ND	0.005	24.000	10.00
Total PCB	0.2	100.00	0.0152	ND	0.070	530.000	10.00

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.01
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 1 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	76.32	0.0019	ND	0.007	53.000	15.22
Arochlor 1221	0.2	76.32	0.0035	ND	NA	NA	15.22
Arochlor 1232	0.2	76.32	0.0024	ND	NA	NA	15.22
Arochlor 1242	0.2	76.32	0.0028	ND	NA	NA	15.22
Arochlor 1248	0.2	76.32	0.0011	ND	0.030	150.000	15.22
Arochlor 1254	0.2	76.32	0.0007	ND	0.060	34.000	15.22
Arochlor 1260	0.2	76.32	0.0006	ND	0.005	24.000	15.22
Total PCB	0.2	76.32	0.0131	ND	0.070	530.000	15.22

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 1 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	77.72	0.0018	ND	0.007	53.000	15.70
Arochlor 1221	0.2	77.72	0.0034	ND	NA	NA	15.70
Arochlor 1232	0.2	77.72	0.0023	ND	NA	NA	15.70
Arochlor 1242	0.2	77.72	0.0026	ND	NA	NA	15.70
Arochlor 1248	0.2	77.72	0.0010	ND	0.030	150.000	15.70
Arochlor 1254	0.2	77.72	0.0007	ND	0.060	34.000	15.70
Arochlor 1260	0.2	77.72	0.0006	ND	0.005	24.000	15.70
Total PCB	0.2	77.72	0.0124	ND	0.070	530.000	15.70

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.03
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 2 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	75.81	0.0020	ND	0.007	53.000	14.90
Arochlor 1221	0.2	75.81	0.0036	ND	NA	NA	14.90
Arochlor 1232	0.2	75.81	0.0025	ND	NA	NA	14.90
Arochlor 1242	0.2	75.81	0.0028	ND	NA	NA	14.90
Arochlor 1248	0.2	75.81	0.0011	ND	0.030	150.000	14.90
Arochlor 1254	0.2	75.81	0.0007	ND	0.060	34.000	14.90
Arochlor 1260	0.2	75.81	0.0006	ND	0.005	24.000	14.90
Total PCB	0.2	75.81	0.0134	ND	0.070	530.000	14.90

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 2 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	71.93	0.0020	ND	0.007	53.000	15.70
Arochlor 1221	0.2	71.93	0.0036	ND	NA	NA	15.70
Arochlor 1232	0.2	71.93	0.0025	ND	NA	NA	15.70
Arochlor 1242	0.2	71.93	0.0028	ND	NA	NA	15.70
Arochlor 1248	0.2	71.93	0.0011	ND	0.030	150.000	15.70
Arochlor 1254	0.2	71.93	0.0007	ND	0.060	34.000	15.70
Arochlor 1260	0.2	71.93	0.0006	ND	0.005	24.000	15.70
Total PCB	0.2	71.93	0.0134	ND	0.070	530.000	15.70

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.05
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 3 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	80.36	0.0018	ND	0.007	53.000	15.35
Arochlor 1221	0.2	80.36	0.0033	ND	NA	NA	15.35
Arochlor 1232	0.2	80.36	0.0023	ND	NA	NA	15.35
Arochlor 1242	0.2	80.36	0.0026	ND	NA	NA	15.35
Arochlor 1248	0.2	80.36	0.0010	ND	0.030	150.000	15.35
Arochlor 1254	0.2	80.36	0.0006	ND	0.060	34.000	15.35
Arochlor 1260	0.2	80.36	0.0006	ND	0.005	24.000	15.35
Total PCB	0.2	80.36	0.0123	ND	0.070	530.000	15.35

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 3 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	75.69	0.0019	ND	0.007	53.000	15.59
Arochlor 1221	0.2	75.69	0.0035	ND	NA	NA	15.59
Arochlor 1232	0.2	75.69	0.0024	ND	NA	NA	15.59
Arochlor 1242	0.2	75.69	0.0027	ND	NA	NA	15.59
Arochlor 1248	0.2	75.69	0.0011	ND	0.030	150.000	15.59
Arochlor 1254	0.2	75.69	0.0007	ND	0.060	34.000	15.59
Arochlor 1260	0.2	75.69	0.0006	ND	0.005	24.000	15.59
Total PCB	0.2	75.69	0.0128	ND	0.070	530.000	15.59

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.07
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/21/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 4 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	78.34	0.0019	ND	0.007	53.000	15.39
Arochlor 1221	0.2	78.34	0.0034	ND	NA	NA	15.39
Arochlor 1232	0.2	78.34	0.0023	ND	NA	NA	15.39
Arochlor 1242	0.2	78.34	0.0027	ND	NA	NA	15.39
Arochlor 1248	0.2	78.34	0.0011	ND	0.030	150.000	15.39
Arochlor 1254	0.2	78.34	0.0007	ND	0.060	34.000	15.39
Arochlor 1260	0.2	78.34	0.0006	ND	0.005	24.000	15.39
Total PCB	0.2	78.34	0.0126	ND	0.070	530.000	15.39

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5346.08 4/14/00 4/20/00 4/21/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Sediment T. Frankovich	**Location :** **Field ID:**	M2 Landfill Stream Sediments M2 4 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	70.19	0.0031	ND	0.007	53.000	10.37
Arochlor 1221	0.2	70.19	0.0057	ND	NA	NA	10.37
Arochlor 1232	0.2	70.19	0.0038	ND	NA	NA	10.37
Arochlor 1242	0.2	70.19	0.0044	ND	NA	NA	10.37
Arochlor 1248	0.2	70.19	0.0018	ND	0.030	150.000	10.37
Arochlor 1254	0.2	70.19	0.0011	ND	0.060	34.000	10.37
Arochlor 1260	0.2	70.19	0.0010	ND	0.005	24.000	10.37
Total PCB	0.2	70.19	0.0208	ND	0.070	530.000	10.37

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.09
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 5 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	69.59	0.0031	ND	0.007	53.000	10.30
Arochlor 1221	0.2	69.59	0.0057	ND	NA	NA	10.30
Arochlor 1232	0.2	69.59	0.0039	ND	NA	NA	10.30
Arochlor 1242	0.2	69.59	0.0045	ND	NA	NA	10.30
Arochlor 1248	0.2	69.59	0.0018	ND	0.030	150.000	10.30
Arochlor 1254	0.2	69.59	0.0011	ND	0.060	34.000	10.30
Arochlor 1260	0.2	69.59	0.0010	ND	0.005	24.000	10.30
Total PCB	0.2	69.59	0.0212	ND	0.070	530.000	10.30

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 5 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	76.48	0.0029	ND	0.007	53.000	10.20
Arochlor 1221	0.2	76.48	0.0053	ND	NA	NA	10.20
Arochlor 1232	0.2	76.48	0.0036	ND	NA	NA	10.20
Arochlor 1242	0.2	76.48	0.0041	ND	NA	NA	10.20
Arochlor 1248	0.2	76.48	0.0016	ND	0.030	150.000	10.20
Arochlor 1254	0.2	76.48	0.0010	ND	0.060	34.000	10.20
Arochlor 1260	0.2	76.48	0.0009	ND	0.005	24.000	10.20
Total PCB	0.2	76.48	0.0194	ND	0.070	530.000	10.20

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5346.11 4/14/00 4/20/00 4/22/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Sediment T. Frankovich	**Location :** **Field ID:**	M2 Landfill Stream Sediments M2 6 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	77.65	0.0029	ND	0.007	53.000	10.11
Arochlor 1221	0.2	77.65	0.0052	ND	NA	NA	10.11
Arochlor 1232	0.2	77.65	0.0036	ND	NA	NA	10.11
Arochlor 1242	0.2	77.65	0.0041	ND	NA	NA	10.11
Arochlor 1248	0.2	77.65	0.0016	ND	0.030	150.000	10.11
Arochlor 1254	0.2	77.65	0.0010	ND	0.060	34.000	10.11
Arochlor 1260	0.2	77.65	0.0009	ND	0.005	24.000	10.11
Total PCB	0.2	77.65	0.0193	ND	0.070	530.000	10.11

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5346.12 4/14/00 4/20/00 4/22/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Sediment T. Frankovich	**Location :** **Field ID:**	M2 Landfill Stream Sediments M2 6 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	71.66	0.0031	ND	0.007	53.000	10.07
Arochlor 1221	0.2	71.66	0.0057	ND	NA	NA	10.07
Arochlor 1232	0.2	71.66	0.0039	ND	NA	NA	10.07
Arochlor 1242	0.2	71.66	0.0044	ND	NA	NA	10.07
Arochlor 1248	0.2	71.66	0.0018	ND	0.030	150.000	10.07
Arochlor 1254	0.2	71.66	0.0011	ND	0.060	34.000	10.07
Arochlor 1260	0.2	71.66	0.0010	ND	0.005	24.000	10.07
Total PCB	0.2	71.66	0.0210	ND	0.070	530.000	10.07

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.13
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 7 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	77.45	0.0029	ND	0.007	53.000	10.14
Arochlor 1221	0.2	77.45	0.0052	ND	NA	NA	10.14
Arochlor 1232	0.2	77.45	0.0036	ND	NA	NA	10.14
Arochlor 1242	0.2	77.45	0.0041	ND	NA	NA	10.14
Arochlor 1248	0.2	77.45	0.0016	ND	0.030	150.000	10.14
Arochlor 1254	0.2	77.45	0.0010	ND	0.060	34.000	10.14
Arochlor 1260	0.2	77.45	0.0009	ND	0.005	24.000	10.14
Total PCB	0.2	77.45	0.0193	ND	0.070	530.000	10.14

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5346.14 4/14/00 4/20/00 4/22/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Sediment T. Frankovich	**Location :** **Field ID:**	M2 Landfill Stream Sediments M2 7 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	78.79	0.0028	ND	0.007	53.000	10.05
Arochlor 1221	0.2	78.79	0.0052	ND	NA	NA	10.05
Arochlor 1232	0.2	78.79	0.0035	ND	NA	NA	10.05
Arochlor 1242	0.2	78.79	0.0040	ND	NA	NA	10.05
Arochlor 1248	0.2	78.79	0.0016	ND	0.030	150.000	10.05
Arochlor 1254	0.2	78.79	0.0010	ND	0.060	34.000	10.05
Arochlor 1260	0.2	78.79	0.0009	ND	0.005	24.000	10.05
Total PCB	0.2	78.79	0.0191	ND	0.070	530.000	10.05

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.15
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 8 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	75.78	0.0029	ND	0.007	53.000	10.13
Arochlor 1221	0.2	75.78	0.0054	ND	NA	NA	10.13
Arochlor 1232	0.2	75.78	0.0036	ND	NA	NA	10.13
Arochlor 1242	0.2	75.78	0.0042	ND	NA	NA	10.13
Arochlor 1248	0.2	75.78	0.0017	ND	0.030	150.000	10.13
Arochlor 1254	0.2	75.78	0.0010	ND	0.060	34.000	10.13
Arochlor 1260	0.2	75.78	0.0009	ND	0.005	24.000	10.13
Total PCB	0.2	75.78	0.0197	ND	0.070	530.000	10.13

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 8 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	72.68	0.0030	ND	0.007	53.000	10.20
Arochlor 1221	0.2	72.68	0.0056	ND	NA	NA	10.20
Arochlor 1232	0.2	72.68	0.0038	ND	NA	NA	10.20
Arochlor 1242	0.2	72.68	0.0043	ND	NA	NA	10.20
Arochlor 1248	0.2	72.68	0.0017	ND	0.030	150.000	10.20
Arochlor 1254	0.2	72.68	0.0011	ND	0.060	34.000	10.20
Arochlor 1260	0.2	72.68	0.0010	ND	0.005	24.000	10.20
Total PCB	0.2	72.68	0.0204	ND	0.070	530.000	10.20

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.17
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 9 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	61.90	0.0034	ND	0.007	53.000	10.80
Arochlor 1221	0.2	61.90	0.0062	ND	NA	NA	10.80
Arochlor 1232	0.2	61.90	0.0042	ND	NA	NA	10.80
Arochlor 1242	0.2	61.90	0.0048	ND	NA	NA	10.80
Arochlor 1248	0.2	61.90	0.0019	ND	0.030	150.000	10.80
Arochlor 1254	0.2	61.90	0.0012	ND	0.060	34.000	10.80
Arochlor 1260	0.2	61.90	0.0011	ND	0.005	24.000	10.80
Total PCB	0.2	61.90	0.0227	ND	0.070	530.000	10.80

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	5346.18 4/14/00 4/20/00 4/22/00
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8082 Sediment T. Frankovich	**Location :** **Field ID:**	M2 Landfill Stream Sediments M2 9 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.1	53.01	0.0021	ND	0.007	53.000	10.06
Arochlor 1221	0.1	53.01	0.0039	ND	NA	NA	10.06
Arochlor 1232	0.1	53.01	0.0026	ND	NA	NA	10.06
Arochlor 1242	0.1	53.01	0.0030	ND	NA	NA	10.06
Arochlor 1248	0.1	53.01	0.0012	ND	0.030	150.000	10.06
Arochlor 1254	0.1	53.01	0.0008	ND	0.060	34.000	10.06
Arochlor 1260	0.1	53.01	0.0007	ND	0.005	24.000	10.06
Total PCB	0.1	53.01	0.0142	ND	0.070	530.000	10.06

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.19
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 10 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	64.83	0.0034	ND	0.007	53.000	10.21
Arochlor 1221	0.2	64.83	0.0062	ND	NA	NA	10.21
Arochlor 1232	0.2	64.83	0.0042	ND	NA	NA	10.21
Arochlor 1242	0.2	64.83	0.0048	ND	NA	NA	10.21
Arochlor 1248	0.2	64.83	0.0019	ND	0.030	150.000	10.21
Arochlor 1254	0.2	64.83	0.0012	ND	0.060	34.000	10.21
Arochlor 1260	0.2	64.83	0.0011	ND	0.005	24.000	10.21
Total PCB	0.2	64.83	0.0229	ND	0.070	530.000	10.21

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 10 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	71.75	0.0030	ND	0.007	53.000	10.40
Arochlor 1221	0.2	71.75	0.0055	ND	NA	NA	10.40
Arochlor 1232	0.2	71.75	0.0038	ND	NA	NA	10.40
Arochlor 1242	0.2	71.75	0.0043	ND	NA	NA	10.40
Arochlor 1248	0.2	71.75	0.0017	ND	0.030	150.000	10.40
Arochlor 1254	0.2	71.75	0.0011	ND	0.060	34.000	10.40
Arochlor 1260	0.2	71.75	0.0010	ND	0.005	24.000	10.40
Total PCB	0.2	71.75	0.0203	ND	0.070	530.000	10.40

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.21
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/24/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 11 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	77.85	0.0028	ND	0.007	53.000	10.30
Arochlor 1221	0.2	77.85	0.0051	ND	NA	NA	10.30
Arochlor 1232	0.2	77.85	0.0035	ND	NA	NA	10.30
Arochlor 1242	0.2	77.85	0.0040	ND	NA	NA	10.30
Arochlor 1248	0.2	77.85	0.0016	ND	0.030	150.000	10.30
Arochlor 1254	0.2	77.85	0.0010	0.047	0.060	34.000	10.30
Arochlor 1260	0.2	77.85	0.0009	ND	0.005	24.000	10.30
Total PCB	0.2	77.85	0.0189	0.047	0.070	530.000	10.30

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 11 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	79.18	0.0027	ND	0.007	53.000	10.36
Arochlor 1221	0.2	79.18	0.0050	ND	NA	NA	10.36
Arochlor 1232	0.2	79.18	0.0034	ND	NA	NA	10.36
Arochlor 1242	0.2	79.18	0.0039	ND	NA	NA	10.36
Arochlor 1248	0.2	79.18	0.0016	ND	0.030	150.000	10.36
Arochlor 1254	0.2	79.18	0.0010	ND	0.060	34.000	10.36
Arochlor 1260	0.2	79.18	0.0009	ND	0.005	24.000	10.36
Total PCB	0.2	79.18	0.0185	ND	0.070	530.000	10.36

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.23
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 12 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	66.11	0.0033	ND	0.007	53.000	10.18
Arochlor 1221	0.2	66.11	0.0061	ND	NA	NA	10.18
Arochlor 1232	0.2	66.11	0.0042	ND	NA	NA	10.18
Arochlor 1242	0.2	66.11	0.0048	ND	NA	NA	10.18
Arochlor 1248	0.2	66.11	0.0019	ND	0.030	150.000	10.18
Arochlor 1254	0.2	66.11	0.0012	ND	0.060	34.000	10.18
Arochlor 1260	0.2	66.11	0.0011	ND	0.005	24.000	10.18
Total PCB	0.2	66.11	0.0225	ND	0.070	530.000	10.18

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	M2 12 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.1	57.09	0.0020	ND	0.007	53.000	10.02
Arochlor 1221	0.1	57.09	0.0036	ND	NA	NA	10.02
Arochlor 1232	0.1	57.09	0.0024	ND	NA	NA	10.02
Arochlor 1242	0.1	57.09	0.0028	ND	NA	NA	10.02
Arochlor 1248	0.1	57.09	0.0011	ND	0.030	150.000	10.02
Arochlor 1254	0.1	57.09	0.0007	ND	0.060	34.000	10.02
Arochlor 1260	0.1	57.09	0.0006	ND	0.005	24.000	10.02
Total PCB	0.1	57.09	0.0133	ND	0.070	530.000	10.02

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.25
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/24/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/24/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	Dupe 0-6"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	77.97	0.0028	ND	0.007	53.000	10.30
Arochlor 1221	0.2	77.97	0.0051	ND	NA	NA	10.30
Arochlor 1232	0.2	77.97	0.0035	ND	NA	NA	10.30
Arochlor 1242	0.2	77.97	0.0040	ND	NA	NA	10.30
Arochlor 1248	0.2	77.97	0.0016	ND	0.030	150.000	10.30
Arochlor 1254	0.2	77.97	0.0010	0.055	0.060	34.000	10.30
Arochlor 1260	0.2	77.97	0.0009	ND	0.005	24.000	10.30
Total PCB	0.2	77.97	0.0189	0.055	0.070	530.000	10.30

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5346.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	4/14/00
	Bldg. 173	**Extraction Date:**	4/20/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	4/22/00
Analysis:	SW-846 Method 8082	**Location :**	M2 Landfill
Matrix:	Sediment		Stream Sediments
Analyst:	T. Frankovich	**Field ID:**	Dupe 6-12"

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Lowest Effects Level (LEL)*	Severe Effects Level (SEL)*	Weight (g)
Arochlor 1016	0.2	78.16	0.0028	ND	0.007	53.000	10.24
Arochlor 1221	0.2	78.16	0.0051	ND	NA	NA	10.24
Arochlor 1232	0.2	78.16	0.0035	ND	NA	NA	10.24
Arochlor 1242	0.2	78.16	0.0040	ND	NA	NA	10.24
Arochlor 1248	0.2	78.16	0.0016	ND	0.030	150.000	10.24
Arochlor 1254	0.2	78.16	0.0010	ND	0.060	34.000	10.24
Arochlor 1260	0.2	78.16	0.0009	ND	0.005	24.000	10.24
Total PCB	0.2	78.16	0.0189	ND	0.070	530.000	10.24

* NJDEP Guidance For Sediment Quality Evaluations, November 1998

ND = Not Detected
MDL = Method Detection Limit
NA = Not Applicable

Column-Primary: Rtx-5 30m/.32mmID/.25um
Column-Confirmation: Rtx-1701 30m/.32mmID/.25um

U.S. ARMY GARRISON FORT MONMOUTH
M-2 LANDFILL

REMEDIAL INVESTIGATION REPORT AND REMEDIAL ACTION WORKPLAN JANUARY 2001

APPENDIX G
ANALYTICAL DATA PACKAGES
VOLUMES 1 - 4

VOLUME – 4

SURFACE WATER (STREAM) SAMPLING
PCB - TIDAL INVESTIGATION
PRESENTED IN TABLE 8

Round 1 – High Tide, Approximately 8:30 AM (31 May 2000)
Round 1 – Low Tide, Approximately 3PM (1 June 2000)
Round 2 – Low Tide, Approximately 11AM (8 June 2000)
Round 2 – High Tide, Approximately 9AM (14 June 2000)

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams High Tide

M-2 Round I

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
#24 Stream Exit M2	5442.01	Aqueous	31-May-00 08:30	05/31/00
#15 Stream Enter M2	5442.02	Aqueous	31-May-00 08:43	05/31/00
#23 Below Sed. Sample #11	5442.03	Aqueous	31-May-00 08:37	05/31/00
Field Dup.	5442.04	Aqueous	31-May-00	05/31/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-7-02
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M2 Stream PCB's Rnd I

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's	Analysis Parameters	Comments: Remarks / Preservation Method
5442 .01	Stream Exit M2	5/31/00	0830	AQ	1	✓		24°C
.02	Stream Enter M2	↓	0843	↓	1	✓		Stream was cloudy with normal flow.
.03	Below Sed. Sngle #11	↓	0837	↓	1	✓		No Rain, in 3 days.
.04	Dupe	↓	—	↓	1	✓		
								Sngle taken 10' Below Sample #11 sediment boring

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	5/31/00 0900	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, ( )Standard, ( )Screen / non-certified, ( )EDD

Turnaround time: ( )Standard 3 wks, ( )Rush ___ Days, ( )ASAP Verbal ___ Hrs.

Remarks:
Tide: H -> Outgoing

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK532
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5442.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/31/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 Sream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Exit M2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5442.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/31/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 Sream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream Enter M2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5442.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/31/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 Sream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Below Sed. Sample #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5442.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	5/31/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	M2 Sream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732) 532-6224 FAX: (732) 532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams Low Tide

M-2 Round I

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
M2 Stream Site #15	5449.04	Aqueous	01-June-00 14:55	06/01/00
M2 Stream Site #23	5449.05	Aqueous	01-June-00 15:02	06/01/00
M2 Stream Site #24	5449.06	Aqueous	01-June-00 15:14	06/01/00
Field Dup	5449.07	Aqueous	01-June-00	06/01/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-7-02
Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #:
( )DERA ( )OMA ( )Other:_____
Project No:
Location: M2 Streams Round I
Samplers Name / Company: Corey McCormack TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	Analysis Parameters: PCB's	Comments: Remarks / Preservation Method
5449 .04	M2 Strm Site #15	6/1/00	1455	AQ	1	X	5449.05 #23
.05	M2 Strm Site 23	"	1502	"	1	X	1S directly down
.06	M2 Strm Site 24	"	1514	"	1	X	Stream from Sed
.07	Dup	"	—	"	1	X	Sample #11
							5449.06 #24
							1S directly down
							Stream from M2
							landfill boundary
							end

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/1/00 1525	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround time: ( )Standard 3 wks, ( )Rush 7 Days, ( )ASAP Verbal ___ Hrs.

Remarks: Tide: Low

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK532
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5449.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5449.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5449.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5449.07
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/1/00
	Bldg. 173	**Extraction Date:**	6/5/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/5/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams Low Tide

M-2 Round 2

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
M2 Stream Site #15	5462.04	Aqueous	08-June-00 11:10	06/08/00
M2 Stream Site #23	5462.05	Aqueous	08-June-00 11:02	06/08/00
M2 Stream Site #24	5462.06	Aqueous	08-June-00 10:57	06/08/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-16-00

Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joe Fallon
Phone #:
( )DERA ( )OMA ( )Other:_____

Project No:
Location: MZ Streams Round II

Samplers Name / Company: Corey McCormack TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's	Analysis Parameters							Remarks / Preservation Method
5462.04	MZ Strm Site #15	6/8/00	11:10	AQ	1	X								#23 is directly downstream from PCB Sed Sample #11
.05	MZ Strm Site #23	1	11:02	AQ	1	X								
.06	MZ Strm Site #24	/	10:57	AQ	1	X								#24 is directly downstream from MZ Landfill Boundary end

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/8/00 1300	K Blevins			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: ( )Full, ( )Reduced, (X)Standard, ( )Screen / non-certified, ( )EDD
Turnaround Time: ( )Standard 3 wks, ( )Rush 7 Days, ( )ASAP Verbal ____ Hrs.

Remarks: Tide: Low
All sampled at same locations as 1st Round

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK536
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5462.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/8/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Stream PCB Survey
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #15
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5462.05
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/8/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Stream PCB Survey
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #23
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5462.06
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/8/00
	Bldg. 173	**Extraction Date:**	6/13/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/14/00
Analysis:	EPA Method 608	**Location :**	Stream PCB Survey
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	M2 Strm Site #24
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS

PHONE: (732) 532-6224 FAX: (732) 532-6263

WET-CHEM - METALS - ORGANICS - FIELD SAMPLING

CERTIFICATIONS: NJDEP #13461, NYSDOH #11699

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: Streams High Tide

M-2 Round II

Field Sample Location	Laboratory Sample ID#	Matrix	Date and Time of Collection	Date Received
#24 Stream Exit M2	5474.01	Aqueous	14-June-00 08:56	06/14/00
#15 Stream Enter M2	5474.02	Aqueous	14-June-00 09:01	06/14/00
#23 Below Sed. Sample #11	5474.03	Aqueous	14-June-00 09:06	06/14/00
Field Dup.	5474.04	Aqueous	14-June-00	06/14/00

ANALYSIS:
FORT MONMOUTH ENVIRONMENTAL LAB
PCB's

ENCLOSURE:
CHAIN OF CUSTODY
RESULTS

6-20-0

Daniel Wright/Date
Laboratory Director

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-6263 EMail:wrightd@mail1.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer:

Phone #:

( )DERA ( )OMA ( )Other:_____

Project No:

Location: M2 Stream PCB's Rnd II

Samplers Name / Company: Corey McCormack, TVS

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	PCB's								Comments: Remarks / Preservation Method
														4°C
5474 .01	stream exit M2 *	6/14/00	0856	AQ	1	✓								Stream exit is
.02	stream enter M2		0901		1	✓								same as stream site
.03	Below Sed Sample #11		0906			✓								#24.
.04	Dupe		—			✓								Stream enter is
														same as stream site
														#15.
														Below Sed Sample #11
														is same as stream
														site #23.
Stream was very cloudy/con														CPM
														Done same day as
														M2 Deep wells and
														Rnd sampling. CPM

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Corey McCormack	6/14/00 1500	KBWright			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (_)Standard, (_)Screen / non-certified, (_)EDD

Turnaround time: (_)Standard 3 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: Rush Dup prior, and during sampling. CPM
Tide: H → O 2nd Rnd PCB's w/ well samplings requested. CPM

print legibly

Coc.xls5/12/00

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	PBLK541
	DPW, SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5474.01
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 Stream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream exit M2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5474.02
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 Stream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Stream enter M2
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	ND
Arochlor 1221	1		0.50	0.0500	ND
Arochlor 1232	1		0.50	0.0500	ND
Arochlor 1242	1		0.50	0.0280	ND
Arochlor 1248	1		0.50	0.0500	ND
Arochlor 1254	1		0.50	0.0500	ND
Arochlor 1260	1		0.50	0.0680	ND

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5474.03
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 Stream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Below Sed Sample #11
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	1		0.50	0.0640	**ND**
Arochlor 1221	1		0.50	0.0500	**ND**
Arochlor 1232	1		0.50	0.0500	**ND**
Arochlor 1242	1		0.50	0.0280	**ND**
Arochlor 1248	1		0.50	0.0500	**ND**
Arochlor 1254	1		0.50	0.0500	**ND**
Arochlor 1260	1		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	5474.04
	DPW, SELFM-PW-EV	**Date Rec'd:**	6/14/00
	Bldg. 173	**Extraction Date:**	6/19/00
	Ft. Monmouth, NJ 07703	**Analysis Date:**	6/20/00
Analysis:	EPA Method 608	**Location :**	M2 Stream PCB's
Matrix:	Aqueous		
Analyst:	T. Frankovich	**Field ID:**	Dupe
Ext. Meth:	Sep. Funnel		

Pesticide/PCB	Dilution Factor	Retention Time	Regulatory Level * (ug/L)	MDL (ug/L)	Result (ug/L)
Arochlor 1016	**1**		0.50	0.0640	**ND**
Arochlor 1221	**1**		0.50	0.0500	**ND**
Arochlor 1232	**1**		0.50	0.0500	**ND**
Arochlor 1242	**1**		0.50	0.0280	**ND**
Arochlor 1248	**1**		0.50	0.0500	**ND**
Arochlor 1254	**1**		0.50	0.0500	**ND**
Arochlor 1260	**1**		0.50	0.0680	**ND**

* Higher of PQL's and ground water criteria as per NJAC 7:9-6

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established
PQL = Practical Quantitation Limit

Column-Primary: Rtx-CLPesticides 30m/.32mm ID/.25um
Column-Confirmation: Rtx-CLPesticides2 30m/.32mm ID/.25um

APPENDIX H

PROPOSED CLASSIFICATION EXCEPTION AREA DESIGNATION M-2 LANDFILL

(under separate cover)

PROPOSED CLASSIFICATION EXCEPTION AREA DESIGNATION

M-2 Landfill

Fort Monmouth, New Jersey

Prepared by

Versar, Inc.
2558 Pearl Buck Road, Suite 1
Bristol, PA 19007

January 2001

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CLASSIFICATION EXCEPTION AREA/WELL RESTRICTION AREA FACT SHEET

Site Name: Fort Monmouth M-2 Landfill **Date:** January 31, 2001
Location (Include Address, Municipality, and County):
U.S. Army Garrison Fort Monmouth,
Monmouth County, New Jersey 07703
Blocks (s): Not Applicable
Lot(s): Not Applicable
See Figure 1 (Site Location Map)

Site Contact Person: Joseph Fallon
Address: U.S. Army Fort Monmouth, New Jersey
Directorate of Public Works
Building 167
Fort Monmouth, NJ 07703
Phone Number: (732) 532-6223

DEP Lead Program (609) 633-1455
DEP Remedial Action Workplan Approval Document Dated

Description of CEA:

Pursuant to N.J.A.C. 7:9-6.5, groundwater in this area is presently designated as Class II-A. The primary designated use for Class II-A groundwater is potable water; secondary uses include agricultural and industrial water. Any proposed groundwater use within the Classification Exception Area (CEA) will require New Jersey Department of Environmental Protection (NJDEP) review for feasibility of well installation and modifications that would be protective of any impacts from these contaminants for the duration of the CEA.

This CEA/Well Restriction Area (WEA) applies only to the contaminants listed in the table below. The groundwater criteria/primary drinking water standards for these contaminants are listed in parts per billion (ppb). All constituent standards (N.J.A.C. 7:9-6) apply at the designated boundary.

Contaminant	Ground Water Quality Criteria (ppb)
Benzene	1
Chlorobenzene	4

CEA Boundaries: See Figure 11 (Location of the Proposed CEA depicted on a USGS Quadrangle Map).

Project Term of CEA: 9 Years

EXECUTIVE SUMMARY

The following sections of this report provide the information required to define the CEA for the Site. This information includes:

- Relevant information regarding the site, including a description of subsurface stratigraphic and hydrogeologic conditions;
- A description of the ground water quality at the site;
- A description of the previous investigation/remediation program;
- A list of constituents of concern that are known to be present at concentrations above applicable Ground Water Quality Criteria (GWQC) at the site;
- A determination of the horizontal and vertical extent of the CEA;
- A determination of the duration of the CEA;
- A written and mapped description of the CEA, including electronic and paper copies of a map of the CEA that are compatible with the GIS system;
- An evaluation of the area encompassed by the CEA to determine if the area is a ground water use area as defined by NJDEP; and
- Notification to the appropriate agencies of the intent to establish the CEA.

I. INTRODUCTION

This report discusses current ground water conditions and proposes a ground water classification exception area (CEA) at the M-2 Landfill (the Site), in Fort Monmouth, New Jersey. The work recently completed consisted of a summary of the ground water sample collection at the Site, and modeling of the fate and migration of constituents of concern in ground water beneath the Site. Versar Inc. (Versar) conducted the work and prepared this report on behalf of United States (U.S.) Army Fort Monmouth (Fort Monmouth), Directorate of Public Works (DPW), Fort Monmouth, New Jersey. All work has been completed in accordance with the current New Jersey Department of Environmental Protection (NJDEP) guidance; specifically, the procedures described in the *Final Guidance on Designation of CEAs and the Regulatory Requirements*, NJAC 7:9-6.6, published on November 1998.

II. BACKGROUND

A. Site Setting and History of Site Operations

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia **(Figure 1**). In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and Evans Area. The Main Post encompasses approximately 630 acres and is generally bounded by State Highway 35, Parkers Creek, Lafetra Brook, the New Jersey Transit Railroad, and a residential area to the south. The post was established in 1918 during World War I (WW I) as an Army Signal Corps training center. The Main Post currently provides administrative, training, and housing support functions, as well as providing many of the community facilities for Fort Monmouth. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Materiel Command (AMC) and is the host tenant at Fort Monmouth.

The M-2 Landfill, comprised of 6.5 acres, is located on the south bank of Mill Creek in the southwestern corner of the Main Post area of Fort Monmouth, Monmouth County, New Jersey. According to a report prepared by the U.S Army Toxic and Hazardous Materials Agency (USATHAMA) entitled, *Installation Assessment of Fort Monmouth, Report 171*, dated May 1980, the M-2 Landfill was in use between 1964 and 1968 (and possibly into 1969) for general disposal of domestic and industrial wastes. The M-2 Landfill has reportedly been inactive since 1969. Since the landfill closure circa 1969, the past 30+ years have seen the growth and stabilization of vegetation (i.e., grass, trees, brush) on the M-2 Landfill.

Suspected hazardous waste sites at Fort Monmouth were initially identified in the Installation Assessment (IA) (USATHAMA, 1980). This report identified 37 sites with known or suspected waste materials at Fort Monmouth. WESTON then, conducted a background investigation on these sites and on eight additional sites, identified by Fort Monmouth and the NJDEP. WESTON's Report (WESTON, 1993) recommended additional investigations at 22 of the sites, including the M-2 Landfill, and the NJDEP approved the recommendations on 20 April 1994. WESTON performed additional field investigation activities at these 22 sites, including the M-2 Landfill, between November 1994 and November 1995. The field investigation activities

included surface geophysical investigations, sediment and surface-water sampling, transformer site sampling, surface and subsurface soil sampling, groundwater monitoring well installation and sampling, and tidal monitoring. The results of these investigation activities were presented in the WESTON Report entitled, *Final Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas, Site Investigation Report*, December 1995.

As stated in the WESTON Report that investigated suspected waste sites at Fort Monmouth (WESTON, 1993) and the Site Investigation (SI) Report (WESTON, 1995), materials generally found in Main Post landfills included unwashed pesticide/herbicide cans, batteries, fluorescent tubes, electronic components, garbage, asbestos wrappings from pipes, soot and boiler scale, sludge from sanitary treatment plants (STPs), small quantities of outdated drugs, outdated photographic chemicals in glass bottles, building rubble (including asbestos-containing materials [ACM]), incinerator ash, sand from oil spill cleanups, and other debris. In addition, specific wastes reportedly known to have been placed in the M-2 Landfill included oil in cans, oil burner filters, and soot. The banks along Mill Creek near the west end of the landfill had also reportedly been covered with building rubble (concrete, cinder blocks, etc.) to stabilize the bank. Since the landfill's closure circa 1969, the past 30 plus years have seen the growth and stabilization of vegetation (i.e., grass, trees, bushes) on the M-2 landfill. **Figure 2** presents a well location map and site map for the M-2 Landfill.

A Remedial Investigation Report (RIR) and Remedial Action Workplan (RAW) have been prepared by Versar for the M-2 Landfill, based on work performed by Versar in the summer of 2000, TECOM-Vinnell Services (TVS) in February 1999, and Roy F. Weston, Inc. (WESTON) in 1995. Information presented in the RIR/RAW is summarized in the following sections.

B. Geology, Hydrogeology, Topography, Surface Water and Wetlands

The following is a description of the geological/hydrogeological setting of the area surrounding the M-2 Landfill. Included is a description of the regional geology of the area surrounding Fort Monmouth, as well as descriptions of the local geology and hydrogeology of the Main Post area. Two hydrogeologic cross-sections depicting the geology and the water levels at the M-2 Landfill are presented in **Figure 3.**

B.1 Geology

Regional Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. The M-2 Landfill is located in what may be referred to as the Outer Coastal Plain subprovince, or the Outer Lowlands.

In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, sand and gravel. These formations typically strike northeast-southwest with a dip ranging from 10 to 60 ft (ft) per mile and were deposited on Precambrian and lower Paleozoic rocks (Zapecza, 1989). These sediments, predominantly derived from deltaic, shallow marine, and continental shelf environments, date from Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units, which are generally thicker to the southeast and reflect a deeper water environment. More than 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (e.g., Englishtown and Kirkwood Formations, and the Cohansey Sand), while the transgressive deposits act as confining units (e.g., the Merchantville, Marshalltown, and Navesink Formations). The individual thickness for these units varies greatly (i.e., from several ft to several hundred ft). The Coastal Plain deposits thicken to the southeast from the Fall Line (i.e., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 ft in Cape May County (Brown and Zapecza, 1990).

Local Geology

Based on the regional geologic map (Jablonski, 1968), the Cretaceous age Red Bank and Tinton Sands outcrop at the Main Post area. The Red Bank Sand conformably overlies the Navesink Formation and dips to the southeast at 35 ft per mile. The upper member (Shrewsbury) of the Red Bank Sand is a yellowish-gray to reddish brown clayey, medium-to-coarse-grained sand that contains abundant rock fragments, minor mica and glauconite (Jablonski). The lower member (Sandy Hook) is a dark gray to black, medium-to-fine grained sand with abundant clay, mica, and glauconite.

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic quartz and glauconite sand to a glauconitic coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60 to 80 percent of the sand fraction in the upper part of the unit (Minard, 1969). The upper part of the Tinton is often highly oxidized and iron oxide encrusted (Minard 1969). Boring and monitoring well logs for the sample borings and monitoring wells installed in the M-2 Landfill give descriptions for soils at the site to consist of an earthen cover underlain by fill material. Beneath the fill is naturally occurring silty sand. Groundwater occurs beneath the site at a depth of approximately 8 ft. Natural soils beneath the fill are similar to the reported descriptions of the Tinton Sand member of the Red Band Sand.

The Kirkwood Formation (part of the Kirkwood-Cohansey system) crops out southeast of the Main Post and dips to the southeast at a slope of 20 ft per mile (Jablonski, 1968). The Kirkwood Formation consists of alternating layers of sand and clay. The upper unit is a light gray to yellowish-brown, fine-grained quartz sand with quartz nodules and small pebbles. The lower unit is a brown silt in Monmouth County (Jablonski, 1968).

Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service, Monmouth County Soil Survey, the majority of the Main Post is covered by urban land. The soil survey described urban land as areas where concrete, asphalt, buildings, shopping centers, airports, or other impervious surfaces cover 80 percent or more of the surface. In addition, the survey indicated that the natural subsurface soils have largely been replaced with artificial or foreign fill materials (developed land with disturbed soils). The following soil series and classification units are mapped in the Main Post area:

- DoB Downer sandy loam (with 2 to 5 percent slopes);
- FrB Freehold sandy loam (with 2 to 5 percent slopes);
- FUB Freehold sandy loam/urban land complex (with 0 to 10 percent slopes);
- HV Humaquepts, frequently flooded;
- KvA Kresson loam (with 0 to 5 percent slopes);
- UA Udorthents, smoothed; and
- UD Udorthents – urban land complex (with 0 to 3 percent slopes).

The Downer series soils are well-drained soils that are found on uplands and terraces. The soils are formed in acid, silty coastal plain sediments. The Freehold soils are also well drained and are formed in acid, loamy, coastal plain sediments that, by volume, are 1 to 10 percent glauconite and are found on uplands. The Humaquepts soils are somewhat poorly- to very poorly- drained soils that are formed in stratified, sandy, or loamy sediments of fluvial origins. The Humaquepts soils are located on the floodplain and are subject to flooding several times each year. The Kresson loam is a nearly level to gently sloping soil and is somewhat poorly drained. The soil is found on low divides and in depressions. The Udorthents soils have been altered by excavation or filling activities. In filled areas, these soils consist of loamy material that is more than 20 inches thick. The filled areas include floodplain, tidal marshes, and areas with moderately, well drained to very poorly drained soils. Some Udorthent soils contain concrete, asphalt, metal, and glass.

B.2 Hydrogeology

Regional Hydrogeology

Fort Monmouth lies in the Atlantic and Eastern Gulf Coastal Plain groundwater region (Meisler et al., 1988). This groundwater region is underlain by undeformed, unconsolidated to semi-consolidated sedimentary deposits. The chemistry of the water near the surface is variable with low dissolved solids and high iron concentrations. The water chemistry in areas underlain by glauconitic sediments (such as Red Bank and Tinton Sands) is dominated by calcium, magnesium, and iron. The sediments in the area of Fort Monmouth were deposited in fluvial-deltaic to nearshore environments.

The water table aquifer in the Main Post area is identified as part of the "composite confining units," or minor aquifers. The minor aquifers include the Navesink formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation, and the basal clay of the Kirkwood Formation.

Well records indicate that wells installed in the Red Bank and Tinton Sands produce 2 to 25 gallons per minute (gpm). Water in these upper hydrogeologic units is typically encountered at shallow depths below ground surface (2 to 9 ft bgs). However, domestic wells are generally screened deeper in these upper hydrogeologic units. The shallow water table conditions in the Tinton and Red Bank Sands, and the similar composition of these sands within the Kirkwood Formation, suggest that the Tinton-Red Bank-Kirkwood sequence forms a single, laterally continuous aquifer. Water in this water table aquifer will flow east toward the Atlantic Ocean. Local topography will tend to deflect the flow toward local depressions.

As stated in the SI Report (WESTON, 1995), NJAC 7:9-6, *Groundwater Quality Standards,* establishes groundwater criteria for different classes of groundwater. Class II-A, which is defined as all groundwater that is not classified as one of the other special classes, is the class for groundwater at Fort Monmouth. The primary designated use for Class II-A ground water is potable water; secondary uses include agricultural and industrial water.

Local Hydrogeology

Shallow groundwater is locally influenced within the Main Post area by the following factors:

- Tidal influence (based on proximity to the Atlantic Ocean, rivers, and tributaries)
- Topography
- Nature of the fill material within the Main Post area
- Presence of clay and silt lenses in the natural overburden deposits
- Local groundwater recharge areas (i.e., streams, lakes)

Due to the fluvial nature of the overburden deposits (i.e., sand and clay lenses), shallow groundwater flow direction is best determined on a case-by-case basis. The groundwater flow in the vicinity of the M-2 Landfill has been determined based on recent groundwater elevation measurements (**Table 1**) to be north-northwest towards Mill Creek (**Figures 4A and 4B**).

B.3 Topography

Over the last 80 years, the natural topography of Fort Monmouth has been altered by excavation and filling activities by the military. The land surface at the Main Post is relatively flat and ranges in elevation from 4 ft above mean sea level (msl) in the east at Oceanport Creek to 32 ft msl at the western end of the post, near Highway 35. The eastern half of the post is generally 10 ft msl in elevation.

B.4 Surface Water and Wetlands

Surface water runoff from the western part of the Main Post flows into the Lafetra Creek to the north or into the Mill Creek to the south. The USGS map (**Figure 1**) shows the Lafetra Creek as Parkers Creek Branch and Mill Creek as Wampum. Both Mill and Lafetra Creek originate off-post. Mill Creek flows along the southern boundary of the Main Post, turning north just past the Auto Craft Shop. Mill Creek is channelized and flows past the north side of the M-2 Landfill. Lafetra Creek forms the northern boundary of the Main Post and joins Mill Creek to form Parkers Creek. Parkers Creek flows eastward along the northern boundary and joins Oceanport Creek east of the post. Most of Parkers Creek, Lafetra Creek, and Mill Creek are tidally influenced.

The U.S Fish and Wildlife Service (FWS) National Wetland Inventory Long Branch quadrangle maps indicate the presence of wetlands at the Main Post. Parkers and Oceanport Creeks are classified as estuarine intertidal aquatic beds. The area of Parkers Creek and the part of Oceanport Creek/Husky Brook are classified as estuarine intertidal emergent wetlands. Lafetra Creek and Mill Creek are classified as riverine lower perennial open water/unknown bottom.

III. CONSTITUENTS OF CONCERN

A. Monitoring of Constituents of Concern

The NJDEP requires that the Classification Exception Area (CEA) application specify the constituents of concern (COC) that will require an exception to the ground water quality criteria (GWQC). These are constituents that necessitate the institution of a CEA because they are either currently detected or are anticipated to be detected at concentrations above the applicable GWQC.

Quarterly ground water sampling was conducted between May 1997 and June 2000. Analytical results are summarized in the RIR/RAWP Report and in **Tables 2A** through **2E** of this CEA proposal. Sample locations and associated concentrations are shown in **Figures 5A and 5B**.

Of the 24 monitoring wells installed in, or adjacent to, the M-2 Landfill, eight wells (MW-2, 3, 8, 9, 11, 21, 23 and 24) contain detectable amounts of benzene, chlorobenzene and metals (principally aluminum, iron and manganese) in all or most of the sampling events at concentrations above the respective GWQC. The other monitoring wells in the landfill have consistently contained detectable amount of solely metals. Metal concentrations are generally comparable to the Fort Monmouth site-specific and Monmouth County maximum background concentrations established in the RIR. Comparison of over three years of groundwater analytical data with the surface water data collected from Mill Creek (adjacent to the landfill) indicates that the groundwater beneath the landfill is not affecting surface water quality.

Data from the most recent sampling rounds indicate two VOC, benzene and chlorobenzene, which will require an exception to the GWQC due to their concentrations above the GWQC in one or more of the monitoring wells. Groundwater benzene and chlorobenzene concentration contours are presented in **Figures 6A, 6B, 7A and 7B.** Metal concentrations above GWQC will not be considered COC due to their probable association with site background levels, and due to their immobility (high Kd, implicit retardation) in the subsurface.

B. Natural Attenuation of Benzene and Chlorobenzene

Graphs of benzene and chlorobenzene ground water concentrations versus time are presented as Figures A-1 through A-5, for those monitoring points where benzene and chlorobenzene were historically detected. As indicated by these graphs, there is a downward trend in concentrations over time, which is primarily caused by sorption and bioremediation at these concentrations. Secondary causes include a combination of advection and dispersion.

There are several compound-specific parameters and processes that can control the degradation or migration of a compound in the subsurface. These compound-specific parameters include the organic carbon/water partitioning coefficient (Koc) of the compound, the solubility of the compound in water, the specific gravity of the compound relative to water, the vapor pressure of the compound, and the susceptibility of the compound to transformation or degradation by organisms. In our calculations for establishing the CEA, the two most important parameters were included in the prediction of the CEA extent, Koc and biodegradation. These parameters are discussed briefly below.

B.1 Organic Carbon/Water Partitioning Coefficient (K_{oc})

The organic carbon/water partition coefficient (Koc) is defined as the equilibrium ratio of sorped compound per unit weight of organic carbon to the aqueous solute concentration. Sorption includes absorption and adsorbtion processes. This value indicates a compound's tendency to partition between water and particles containing organic carbon. The compound's Koc is useful in evaluating the potential of the compound to leach from contaminated solids and to migrate in the aquifer. Compounds with high Koc values tend to be immobile in organic rich soils and will be transported from contaminated areas only if the soil itself is transported. In the saturated zone, the migration of these compounds tends to be retarded with respect to the movement of the ground water.

The value of the log Koc reported for chlorobenzene is 2.35, which is higher than the reported value for benzene (1.69 to 2.00). The values for both compounds are relatively high and indicate that both benzene and chlorobenzene preferentially partition to organic matter. As a result, their migration will be retarded relative to the movement of ground water in the saturated zone. As evident from its lower Koc value, benzene will partition to the organic-rich site soil at a lesser rate than chlorobenzene.

B.2 Biotransformation

Biotransformation is the alteration of a compound through the action of organisms in the soil. Benzene and chlorobenzene are susceptible to transformation and degradation by microorganisms. During biodegradation, microorganisms transform available nutrients into forms useful for energy and cell reproduction by facilitating the transfer of electrons from donors to acceptors (a catalyzed redox reaction). This results in the oxidation of the electron donor and reduction of the electron acceptor. Electron donors include natural organic material and fuel hydrocarbons. Electron acceptors are elements or compounds that occur in relatively oxidized states. The more important electron acceptors in ground water include dissolved oxygen, nitrate, iron (III), sulfate, and carbon dioxide.

The biodegradation half-lives reported in "Handbook of Environmental Degradation Rates," by P.H. Howard et al. for the hydrocarbon constituents analyzed at the site are as follows:

Parameter	**Biodegradation Half-Life**			
	Soil		**Ground Water**	
	High	**Low**	**High**	**Low**
Benzene	16 days	5 days	2 years	10 days
Toluene	22 days	4 days	4 weeks	7 days
Ethylbenzene	10 days	3 days	8 months	6 days
Xylenes	4 weeks	1 week	12 months	2 weeks
MTBE	6 months	1 month	12 months	2 months
TBA	6 months	2 weeks	12 months	2 months

B.3 Site-Specific Parameters

Soil Fraction Organic Carbon (foc) Content: The organic carbon content of a soil is important for predicting the potential leachability of an organic compound from contaminated soils in the vadose zone, and any resulting retardation of the compound's movement relative to ground water flow through the saturated zone. Organic matter in the aquifer can also form a complex with dissolved metals and immobilize them, significantly reducing their mobility in the ground water.

Distribution Coefficient: The distribution coefficient, Kd, has been defined as the ratio of the mass of a compound adsorbed onto the solid matrix, to the concentration of the compound in solution. Kd is proportional to the fraction of organic carbon in the matrix (foc), and the compound's organic carbon/water partition ratio (Koc).

Ground Water Parameters and Geochemical Indicators of Biodegradation: Ground water parameters such as pH and dissolved oxygen content affect the rate and effectiveness of biodegradation of organic compounds. Dragun (1988) reports that most microorganisms will tolerate a pH range of 4.0 to 9.0, although most thrive in the pH range of 6.0 to 8.0. The pH in the ground water at the site is generally neutral, with an average value of 7.7, and has ranged from 6.2 to 9.2.

Biodegradation causes measurable changes in ground water geochemistry. Aerobic respiration reduces oxygen to water ratios, i.e. the dissolved oxygen concentration in the groundwater decreases. In anaerobic systems, where nitrate is the electron acceptor, the nitrate is reduced to NO_2, N_2O, NO, NH_4+, or N_2, and nitrate concentrations decrease. In anaerobic systems were iron (III) is the electron acceptor, iron (III) is reduced to iron (II), and iron (II) concentrations increase. In anaerobic systems where sulfate is the electron acceptor, sulfate is reduced to H_2S, and the sulfate concentrations decrease. In anaerobic systems where CO_2 is used as an electron acceptor, CO_2 is reduced by methanogenic bacteria to produce CH_4. During aerobic respiration, denitrification, iron (III) reduction, and sulfate reduction processes, total alkalinity will increase. If methanogenesis is the dominant terminal electron-accepting process (TEAP), alkalinity will remain fairly constant.

Fuel hydrocarbons biodegrade naturally when an indigenous population of hydrocarbon-degrading microorganisms is present in the aquifer and sufficient concentrations of electron acceptors and nutrients are available to these organisms. In most subsurface environments, both aerobic and anaerobic degradation of fuel hydrocarbons can occur, often simultaneously in different parts of the plume depending primarily on the amount of dissolved oxygen in the ground water. At the M-2 Landfill, the sand fill and/or clayey/silty horizons appear to be the sources of electron acceptors and nutrients, and therefore are preferred by acclimated bacteria.

Dissolved Oxygen: Aerobic respiration is the first reaction in an aerobic environment that contains microorganisms capable of aerobic respiration (i.e., obligate aerobes or facultative anaerobes) (Bouwer, 1992; Chapelle, 1993). Once the available dissolved oxygen (DO) is depleted and anaerobic conditions dominate the interior regions of the hydrocarbon plume, facultative or obligate anaerobic microorganisms can utilize other electron acceptors in the following order of preference: nitrate, manganese, iron (III), sulfate, and finally, carbon dioxide. As each electron acceptor being utilized for biodegradation becomes depleted, the next most

preferable electron acceptor is utilized. Each successive redox couple provides less energy to the microorganism.

The reported DO concentrations are measured after well purging, as these conditions are considered more representative of ground water at a remote distance from the well. Data collected from monitoring wells show that areas with elevated benzene-chlorobenzene values have depleted the DO concentrations to approximate 2.0 mg/L. The background levels of DO at the up-gradient and side-gradient wells are between 6.0 mg/L and 9.0 mg/L. This indicates that aerobic biodegradation of benzene and chlorobenzene is occurring in this area. Based on DO readings site-wide, aerobic biodegradation also is occurring downgradient towards the margins of the groundwater plume in the area of wells installed near Mill Creek.

Aerobic degradation requires the presence of free dissolved oxygen. If the subsurface environment becomes devoid of oxygen, the rate of aerobic biodegradation will typically be limited by oxygen supply rather than by nutrient concentration. For anaerobic biodegradation the microbial competition ultimately will determine the dominant process, but the dominant process can vary both temporally and spatially. Therefore, either iron (III) reduction, sulfate reduction or methanogenesis may dominate depending on seasonal variations in concentrations of dissolved oxygen and sulfate.

Using stoichiometry, a utilization factor can be developed showing the ratio of the oxygen consumed to the mass of dissolved hydrocarbon degraded in the biodegradation reactions. Similarly, utilization factors can be developed to show the ratio of the mass of metabolic by-products (such as ferrous iron) that are generated to the mass of dissolved hydrocarbon degraded in the biodegradation reactions. When the available electron acceptor/by-product concentrations are divided by the appropriate utilization factor, an estimate of the biodegradation capacity of the ground water flowing through the source zone and plume can be developed as follows:

Biodegradation Capacity (mg/L) =
{(Average Upgradient Electron Acceptor Concentration) -
(Minimum Plume Zone Electron Acceptor Concentration)} / Utilization Factor

The following utilization factors and site biodegradation capacities, based on the degradation of benzene, are calculated for the site:

lectron cceptor	Site Av lable Electron Acceptor		Most of the Site		MW-04	
	Most of the Site (mg/L)	MW-04 (mg/L)	Utilization Factor (mg/mg)	Site Bio egradation Cap city (mg L)	Utilization Factor (mg/mg)	Site Biod gradation Capa city (mg/ .)
Oxygen	2	3	3.14	0.63	3.14	0.96

The highest benzene concentration observed in October 1998 at the MW-09 location was 0.538 mg/L (March 2000 sampling event indicated only 2.21 mg/L). Based on the calculations

presented in the preceding table and on site observations, ground water has enough biodegradation capacity to degrade dissolved-phase benzene-chlorobenzene, if aerobic reactions are occurring at the site (i.e. the minimum calculated site biodegradation capacity of 0.63 mg/L is greater than the highest benzene/CB concentration observed at the site (0.538 mg/L)).

The results of the extensive ground water monitoring program show that VOC concentrations have either decreased over time or do not migrate off-site. The fact that there is no increase in concentrations of the contaminants detected above the GWQC over time indicates that no new sources of contamination have impacted the ground water at the site.

Since the establishment of the CEA is based on current ground water conditions and a prediction of future ground water conditions, Versar used the two most recent rounds of analytical data to develop the parameters for the CEA.

IV. EXTENT OF THE CEA

The horizontal and vertical extent of the CEA is identified by the analysis of existing data to determine the probable maximum extent of future contamination at concentrations above the GWQC. This CEA proposal includes fate and transport modeling that predicts the future attenuation and migration of contaminants.

The results of the monitoring program at the M-2 Landfill show that the ground water contaminant plume is relatively stable (**Table 2A-2E, Figures 5A, 5B, 6A, 6B, 7A and 7B**).

Based on the data, and on the fate and transport model performed for the site, Versar predicts that the maximum extent of contamination in the future will not be materially larger than the current extent of contamination.

Figures 10A and 10B present the current maximum horizontal extent of contamination at concentrations above GWQC based on the analytical data provided in **Table 2A** through **2E**, and based on the fate and transport model performed for the site (**Appendix H.1**). The vertical extent of contamination is defined as the maximum depth at which ground water contamination was detected at the site at concentrations above the GWQC. In this case, the maximum vertical depth of the CEA is 50 feet bgs based on benzene concentrations collected from Well MW-11.

V. DURATION OF THE CEA

The CEA duration represents the length of time in which natural remediation will reduce the VOC concentration in ground water to levels lower than the required GWQS. Based on the groundwater fate and transport model performed for the site it is estimated that the length of the CEA will extent up to the year 2009 for chlorobenzene (Well MW-2) and up to year 2004 for benzene (Wells MW-2 and MW-9).

VI. WRITTEN AND MAPPED DESCRIPTION OF THE CEA

Figures 10A, 10B and 11 show the proposed horizontal extent of the CEA. As indicated on these figures, the entire CEA is located on-site (i.e. within the physical boundaries of the M-2 landfill).

For purposes of mapping in the NJDEP Geographic Information System (GIS) database, the horizontal extent of the CEA is defined as the area within the perimeter of the following points (in New Jersey State Plane Coordinates):

North: X – 617145.69, Y-538241.85
East: X – 617224.23, Y-538085.43
South: X – 616250.05, Y-537575.04
West: X – 616106.32, Y-537769.11

An electronic copy of the map of the CEA is provided as an attachment to this proposal.

The vertical boundary of the CEA is defined by the maximum depth at which ground water contamination was detected at the site at values above the GWQC. In this case the maximum vertical depth of the CEA is 50 feet bgs based on benzene concentrations collected from Well MW-11.

VII. GROUND WATER USE AREA DETERMINATION

The NJDEP guidance concerning CEA applications requires the applicant to determine if the proposed CEA is in a ground water use area. A ground water use area is defined by NJDEP as an area where "domestic, irrigation, industrial or public supply wells, or wells with water allocation permits already exist or there is a reasonable expectation that they will be installed within the 25-year planning horizon."

As previously noted, the proposed CEA extends within the site boundary of the M-2 Landfill. Versar believes that there are no current users of ground water in the proposed CEA area, nor are they expected over the next 25 years. Therefore, Versar concludes that the proposed CEA is not located in a ground water use area.

VIII. NOTIFICATION OF APPROPRIATE AUTHORITIES

In accordance with NJAC 7:26E-6.2(a) 17, the DPW will notify the local health department and the Eatontown City Clerk in writing of their intent to establish a CEA. A copy of the notification letter and the certified mail receipt, indicating that it was received by the said parties, will be forwarded to the NJDEP approximately one month after this proposal has been submitted to the NJDEP. In addition, public notice of intent to establish a CEA will be placed in a local newspaper with a wide distribution for this area.

IX. REFERENCES

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Table 1
Monitoring Wells/Borings Summary
Fort Monmouth - M-2 Landfill

Well /Soil Boring ID	Stratum	Ground Elev. (ft-msl)	Fill (asphalt, turf, fill)		Upper Red Bank (Shrewsbury)		Lower Red Bank (Sandy Hook))		Screened Interval		Screened Unit	Stickup	TOC Elevation
			Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)		(ft-ags)	(ft-msl)
MW-13	Top	13.54	NA	13.54	NA	NA	NA	NA	3.00	10.54	Fill	2.54	16.08
	Bottom	13.54	20.00	-6.46	0.00	0.00	0.00	0.00	20.00	-6.46			
MW-15	Top	17.29	NA	17.29	0.00	0.00	0.00	0.00	3.00	14.29	Fill	2.41	19.70
	Bottom	17.29	20.00	-2.71	0.00	0.00	0.00	0.00	20.00	-2.71			
MW-16	Top	15.58	NA	15.58	0.00	0.00	0.00	0.00	3.00	12.58	Fill	2.59	18.17
	Bottom	15.58	0.00	0.00	0.00	0.00	0.00	0.00	20.00	-4.42			
MW-23	Top	13.17	0.00	13.17	0.00	0.00	0.00	0.00	3.00	10.17	Fill	2.69	15.86
	Bottom	13.17	0.00	0.00	0.00	0.00	0.00	0.00	20.00	-6.83			
MW-24	Top	14.38	0.00	14.38	0.00	0.00	0.00	0.00	3.00	11.38	Fill	2.40	16.78
	Bottom	14.38	0.00	0.00	0.00	0.00	0.00	0.00	20.00	-5.62			
MW-04	Top	12.15	0.00	0.00	0.00	0.00	0.00	0.00	4.00	8.15	Fill and	2.38	14.53
MW-04	Bottom	12.15	0.00	0.00	0.00	0.00	0.00	0.00	21.00	-8.85	Upper Red Bank		
MW-05	Top	8.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.67	Fill and	2.03	10.70
MW-05	Bottom	8.67	0.00	0.00	0.00	0.00	0.00	0.00	11.82	-3.15	Upper Red Bank		
MW-06	Top	10.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.27	Fill and	2.66	12.93
MW-06	Bottom	10.27	0.00	0.00	0.00	0.00	0.00	0.00	15.84	-5.57	Upper Red Bank		
MW-07	Top	8.97	0.00	0.00	0.00	0.00	0.00	0.00	3.00	5.97	Fill and	2.40	11.37
MW-07	Bottom	8.97	0.00	0.00	0.00	0.00	0.00	0.00	14.38	-5.41	Upper Red Bank		
MW-17	Top	17.32	0.00	17.32	5.00	12.32	0.00	0.00	2.00	15.32	Fill and	2.80	20.12
MW-17	Bottom	17.32	5.00	12.32	0.00	0.00	0.00	0.00	20.00	-2.68	Upper Red Bank		
MW-18	Top	9.05	0.00	9.05	0.00	0.00	10.00	-0.95	3.00	6.05	Fill and	2.62	11.67
MW-18	Bottom	9.05	10.00	-0.95	0.00	0.00	0.00	0.00	20.00	-10.95	Lower Red Bank		
MW-21	Top	13.68	0.00	13.68	5.00	8.68	15.00	-1.32	3.00	10.68	Lower Red Bank	2.91	16.59
MW-21	Bottom	13.68	5.00	8.68	15.00	-1.32	0.00	0.00	20.00	-6.32	(Sandy Hook)		
MW-01	Top	19.44	0.00	19.44	2.00	17.44	19.50	-0.06	5.75	13.69	Upper and	1.60	21.04
	Bottom	19.44	2.00	17.44	19.50	-0.06	0.00	0.00	22.00	-2.56	Lower Red Bank		
MW-02	Top	13.36	0.00	13.36	9.00	4.36	12.00	1.36	5.46	7.90	Upper and	2.14	15.50
	Bottom	13.36	9.00	4.36	12.00	1.36	0.00	0.00	17.00	-3.64	Lower Red Bank		
MW-03	Top	10.98	0.00	10.98	9.00	1.98	13.00	-2.02	4.60	6.38	Upper and	1.65	12.63
	Bottom	10.98	9.00	1.98	13.00	-2.02	0.00	0.00	15.00	-4.02	Lower Red Bank		
MW-08	Top	9.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.87	Upper and	1.84	11.71
	Bottom	9.87	0.00	0.00	0.00	0.00	0.00	0.00	19.04	-9.17	Lower Red Bank		
MW-09	Top	10.95	0.00	0.00	0.00	0.00	0.00	0.00	3.00	7.95	Upper and	3.14	14.09
	Bottom	10.95	0.00	0.00	0.00	0.00	0.00	0.00	18.36	-7.41	Lower Red Bank		
MW-10	Top	9.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.67	Upper and	2.41	12.08
	Bottom	9.67	0.00	0.00	0.00	0.00	0.00	0.00	19.90	-10.23	Lower Red Bank		

Table 1
Monitoring Wells/Borings Summary
Fort Monmouth - M-2 Landfill

Well /Soil Boring ID	Stratum	Ground Elev. (ft-msl)	Fill (asphalt, turf, fill)		Upper Red Bank (Shrewsbury)		Lower Red Bank (Sandy Hook))		Screened Interval		Screened Unit	Stickup	TOC Elevation
			Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)	Depth (ft-bgs)	Elev. (ft-msl)		(ft-ags)	(ft-msl)
MW-14	**Top**	16.85	0.00	16.85	3.00	13.85	18.00	-1.15	3.00	13.85	Upper and	2.34	19.19
	Bottom	16.85	3.00	13.85	18.00	-1.15	0.00	0.00	20.00	-3.15	Lower Red Bank		
MW-22	**Top**	9.90	0.00	9.90	0.00	9.90	10.00	0.00	2.00	7.90	Upper and	2.81	12.71
	Bottom	9.90	0.00	9.90	10.00	-0.10	0.00	0.00	20.00	-10.10	Lower Red Bank		
MW-11	**Top**	11.06	0.00	11.06	10.00	1.06	15.00	-3.94	27.00	-15.94	Lower Red Bank	2.77	13.83
	Bottom	11.06	10.00	1.06	15.00	-3.94	0.00	0.00	50.00	-38.94	(Sandy Hook)		
MW-12	**Top**	12.25	0.00	12.25	10.00	2.25	15.00	-2.75	27.00	-14.75	Lower Red Bank	2.12	14.37
	Bottom	12.25	10.00	2.25	15.00	-2.75	0.00	0.00	50.00	-37.75	(Sandy Hook)		
MW-19	**Top**	14.15	0.00	14.15	10.00	4.15	15.00	-0.85	27.00	-12.85	Lower Red Bank	2.51	16.66
	Bottom	14.15	10.00	4.15	15.00	-0.85	0.00	0.00	50.00	-35.85	(Sandy Hook)		
MW-20	**Top**	14.05	0.00	14.05	10.00	4.05	15.00	-0.95	27.00	-12.95	Lower Red Bank	2.79	16.84
	Bottom	14.05	10.00	4.05	15.00	-0.95	0.00	0.00	50.00	-35.95	(Sandy Hook)		

Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
31	78"	4328.03	3/8/99	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	78"	4328.05	3/8/99	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	78"	4328.07	3/8/99	0.510 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	78"	4332.03	3/9/99	0.940	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	36"	4332.05	3/9/99	ND	ND	2.8	ND	ND	ND	ND	ND	ND	ND
36	42"	4332.07	3/9/99	0.85	ND	0.72	ND	ND	ND	ND	ND	ND	ND
37	78"	4332.09	3/9/99	0.82	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	78"	4334.03	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	78"	4334.05	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	78"	4334.07	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	78"	4334.09	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
42	78"	4334.11	3/10/99	ND	ND	1.0	ND	ND	ND	ND	ND	ND	ND
43	78"	4339.03	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	78"	4339.05	3/11/99	ND	ND	1.4	ND	ND	ND	ND	ND	ND	ND
45	78"	4350.03	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	72"	4350.05	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	72"	4350.07	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	72"	4350.09	3/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
49	72"	4355.03	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	72"	4355.05	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	72"	4355.07	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	72"	4355.09	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	72"	4355.11	3/17/99	3.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	72"	4355.13	3/17/99	0.8	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	72"	4355.15	3/17/99	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	72"	4355.17	3/17/99	0.56 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	72"	4358.03	3/18/99	ND	1.5	1.4	ND	ND	ND	ND	ND	ND	ND
57	72"	4358.05	3/18/99	ND	ND	0.43	ND	ND	ND	ND	ND	ND	ND
58	72"	4358.07	3/18/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
59	72"	4358.09	3/18/99	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND
59A	72"	4368.03	3/23/99	ND	ND	3.7	ND	ND	ND	ND	ND	ND	ND
60	72"	4368.05	3/23/99	ND	ND	1.00	ND	ND	0.710 J	ND	ND	ND	ND
61	72"	4368.07	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
62	39"	4368.09	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
63	72"	4368.11	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64	72"	4368.13	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	72"	4368.15	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
66	78"	4381.03	3/30/99	ND	ND	ND	0.43	ND	ND	ND	ND	ND	ND
67	78"	4381.05	3/30/99	ND	ND	0.51	ND	0.4 J	0.55	ND	ND	ND	ND
68	48"	4381.07	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69	48"	4381.09	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
70	78"	4381.11	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71	72"	4396.03	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72	66"	4396.05	4/6/99	ND	ND	ND	0.600	0.680 J	2.75	ND	0.420	ND	ND
73	66"	4396.07	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
74	72"	4407.03	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
75	72"	4407.05	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
76	48"	4407.07	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	48"	4407.09	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
77	78"	4414.03	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78	78"	4414.05	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79	42"	4414.07	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
80	54"	4414.09	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
81	66"	4417.03	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
82	46"	4417.05	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
83	90"	4417.07	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84	90"	4417.09	4/14/99	1.6	ND	ND	0.62	0.41 J	2.5	ND	2	ND	ND
85	90"	4417.11	4/14/99	ND	ND	ND	0.68	ND	ND	ND	ND	ND	ND
86	90"	4417.13	4/14/99	ND	ND	ND	0.47	ND	ND	ND	ND	ND	ND
87	60"	4422.03	4/16/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
88	46"	4422.05	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
89	72"	4422.07	4/16/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
90	72"	4422.09	4/16/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
91	72"	4422.11	4/16/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
92	90"	4433.03	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
93	72"	4433.05	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
94	72"	4433.07	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95	90"	4433.09	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
96	90"	4433.11	4/21/99	ND	ND	2.5	ND	ND	ND	ND	ND	ND	ND
97	78"	4442.03	4/26/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
98	78"	4442.05	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
99	66"	4442.07	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100	60"	4442.09	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
101	108"	4442.11	4/26/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
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NLE: No regulatory limit has been established for this parameter.

Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
102	90"	4445.03	4/27/99	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
103	90"	4445.05	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
104	96"	4445.07	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
105	60"	4445.09	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106	72"	4445.11	4/27/99	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
107	108"	4445.13	4/27/99	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4445.15	4/27/99	1.1	ND	ND	ND	ND	ND	ND	ND	ND	ND
108	60"	4461.03	5/4/99	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
109	60"	4461.05	5/4/99	1.1	ND	ND	0.34	ND	ND	ND	ND	ND	ND
110	60"	4461.07	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
111	48"	4461.09	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
112	48"	4461.11	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113	60"	4465.03	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114	60"	4465.05	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND
115	60"	4465.07	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.0	ND
116	60"	4465.09	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.1	ND
117	54"	4465.11	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.5	ND
118	54"	4465.13	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	60"	4465.15	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	5.9	ND
64A	90"	4912.03	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65A	90"	4912.05	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66A	90"	4912.07	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67A	90"	4912.09	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68A	90"	4912.11	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69A	90"	4912.13	11/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64B	90"	4915.03	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65B	90"	4915.05	11/4/99	0.99	ND	ND	ND	ND	ND	ND	ND	ND	ND
66B	90"	4915.07	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67B	90"	4915.09	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68B	90"	4915.11	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69B	90"	4915.13	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113A	90"	4931.03	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114A	90"	4931.05	11/8/99	ND	ND	0.77	ND	ND	ND	ND	ND	ND	ND
115A	90"	4931.07	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116A	90"	4931.09	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117A	90"	4933.03	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114B	90"	4933.05	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
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Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
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NLE: No regulatory limit has been established for this parameter.

Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
115B	90"	4933.07	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116B	90"	4933.09	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117B	90"	4933.11	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118B	90"	4933.13	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4933.15	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114C	90"	4968.03	11/30/99	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
115C	90"	4968.05	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116C	90"	4968.07	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117C	90"	4968.09	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118C	90"	4968.11	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
119C	90"	4968.13	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113D	90"	4971.03	12/1/99	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND
114D	90"	4971.05	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115D	90"	4971.07	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116D	90"	4971.09	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117D	90"	4971.11	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.35
118D	90"	4972.03	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113E	90"	4972.05	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.39
114E	90"	4972.07	12/2/99	ND	ND	ND	ND	1.1	4	ND	0.54	ND	0.49
115E	90"	4972.09	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116E	90"	4972.11	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	90"	4972.13	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117E	90"	4979.03	12/3/99	5.0	ND	ND	ND	ND	ND	ND	ND	ND	0.31
118E	90"	4979.05	12/3/99	1.2	ND	ND	ND	ND	ND	ND	ND	ND	0.29
64C	96"	4979.07	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65C	96"	4979.09	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66C	96"	4979.11	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67C	96"	4979.13	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68C	96"	4979.15	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64D	96"	4990.03	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65D	96"	4990.05	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66D	96"	4990.07	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67D	96"	4990.09	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68D	96"	4995.03	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.55
64E	96"	4995.05	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.43
65E	96"	4995.07	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.34
66E	96"	4995.09	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.33

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
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ND: Not Detected
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Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
67E	96"	4995.11	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41
Field Dup	96"	4995.13	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.44
113F	32-42"	5058.03	1/3/00	ND	ND	ND	ND	ND	ND	6.7	ND	ND	0.55
113F	60-66"	5058.04	1/3/00	ND	ND	ND	ND	ND	ND	7.3	ND	ND	0.76
114F	30-36"	5058.05	1/3/00	ND	ND	ND	ND	ND	ND	7.6	ND	ND	0.86
114F	60-66"	5058.06	1/3/00	ND	ND	ND	ND	ND	ND	7.5	ND	ND	0.83
115F	36-42"	5058.07	1/3/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115F	54-60"	5058.08	1/3/00	ND	ND	ND	ND	ND	ND	6.2	ND	ND	0.77
115F	60-66"	5058.09	1/3/00	ND	ND	ND	ND	ND	ND	7.2	ND	ND	0.84
116F	12-18"	5058.10	1/3/00	ND	ND	ND	ND	ND	ND	7.00	ND	ND	0.78
116F	60-66"	5058.11	1/3/00	ND	ND	ND	ND	ND	ND	5.00	ND	ND	0.52
117F	30-36"	5058.12	1/3/00	0.67	ND	ND	ND	ND	ND	4.9	ND	ND	0.59
117F	72-78"	5058.13	1/3/00	0.37 J	ND	ND	ND	ND	ND	4.5	ND	ND	0.68
118F	36-42"	5058.14	1/3/00	ND	ND	ND	ND	ND	ND	4.7	ND	ND	0.67
118F	60-66"	5058.15	1/3/00	ND	ND	ND	ND	ND	ND	4.5	ND	ND	0.74
113G	30-36"	5064.03	1/4/00	0.64	ND	ND	ND	ND	ND	1.7	ND	ND	1.4
113G	60-66"	5064.04	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.3	1.5
113G	66-72"	5064.05	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6
114G	60-66"	5064.06	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.0
115G	18-24'	5064.07	1/4/00	ND	ND	ND	ND	ND	ND	1.4	ND	ND	1.5
115G	72-78"	5064.08	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.4	1.7
116G	72-78"	5064.09	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
117G	18-24"	5064.10	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.3
117G	72-78"	5064.11	1/4/00	ND	ND	ND	ND	ND	ND	1.6	ND	2.6	1.6
118G	30-36"	5064.18	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9
118G	42-48"	5064.19	1/4/00	ND	ND	ND	ND	ND	ND	1.5	ND	2.5	1.6
115H	36-42"	5072.03	1/5/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	0.40
115H	60-66"	5072.04	1/5/00	ND	ND	ND	ND	ND	ND	2.2	ND	4.7	0.52
116H	36-42"	5072.05	1/5/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	0.44
116H	54-60"	5072.06	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.5	0.52
116H	72-78"	5072.07	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.5	0.50
117H	24-30"	5072.08	1/5/00	ND	ND	ND	ND	ND	ND	1.5	ND	3.3	0.44
117H	54-60"	5072.09	1/5/00	ND	0.99	ND	ND	ND	ND	4.5	ND	10	1.3
117H	60-66"	5072.10	1/5/00	ND	ND	ND	ND	ND	ND	1.8	ND	3.3	ND
118H	18-24"	5072.11	1/5/00	ND	ND	ND	ND	ND	ND	1.8	ND	4.2	0.42
118H	36-42"	5072.12	1/5/00	ND	ND	ND	ND	ND	ND	2.4	ND	5.3	0.52
113H	48-54"	5072.13	1/5/00	ND	ND	ND	ND	ND	ND	2.0	ND	4.3	0.54

NOTES:
Only detected compounds are listed.
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Table 2A
Results of Geoprobe Soil Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon Dl	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	2-Butanone	Toluene	Acetone	Chloroform
NJDEP RDCSCC*				49	NLE	37	3	1000	410	1000	1000	1000	19
113H	54-60"	5072.14	1/5/00	ND	ND	0.84	ND	ND	ND	2.7	ND	5.6	0.93
114H	24-30"	5072.15	1/5/00	ND	ND	ND	ND	ND	ND	ND	ND	3.5	0.56
114H	54-60'	5072.16	1/5/00	ND	ND	ND	ND	ND	ND	1.7	ND	3.6	0.59
114H	60-66"	5072.17	1/5/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	0.33
118I	54-60"	5075.03	1/6/00	ND	ND	ND	ND	ND	ND	1.4	ND	2.7	0.55
116I	54-60"	5075.04	1/6/00	ND	ND	ND	ND	ND	ND	4.6	ND	9.5	0.98
113I	54-60"	5075.05	1/6/00	ND	ND	ND	ND	ND	ND	1.7	ND	ND	0.81
114I	54-60"	5075.06	1/6/00	ND	ND	ND	ND	ND	ND	1.5	ND	ND	0.63
115I	54-60"	5075.07	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	5.1	0.68
117I	54-60"	5075.08	1/6/00	ND	ND	ND	ND	ND	ND	1.3	ND	ND	0.62
67F	24-30"	5085.02	1/10/00	ND	ND	ND	ND	ND	ND	1.2	ND	2.4	0.49
67F	48-54"	5085.03	1/10/00	ND	ND	ND	ND	ND	ND	0.99	ND	1.7	0.48
65F	48-54"	5085.04	1/10/00	ND	ND	5.1	ND	ND	ND	1.6 J	ND	2.8	0.86
64F	48-54"	5085.05	1/10/00	ND	ND	ND	ND	ND	ND	0.97	ND	1.8	0.44
66F	48-54"	5085.06	1/10/00	ND	ND	6.0	ND	ND	ND	1.0	ND	2.0	0.51
68F	78-84"	5091.03	1/11/00	3.0	ND	5.0	ND	ND	ND	2.4	ND	5.3	1.2
69F	78-84"	5091.04	1/11/00	1.1	ND	ND	ND	ND	ND	1.2	ND	3.0	0.53
64G	84-90"	5091.05	1/11/00	0.94	ND	ND	ND	ND	ND	1.1	ND	2.3	0.49
65G	84-90"	5091.06	1/11/00	0.81	ND	ND	ND	ND	ND	1.8	ND	3.9	0.55
66G	80-86"	5091.07	1/11/00	0.84	ND	ND	ND	ND	ND	0.88 J	ND	1.7	0.5
67G	78-84"	5091.08	1/11/00	0.96	ND	ND	ND	ND	ND	ND	ND	2.0	0.51
69G	60-66"	5096.03	1/12/00	ND	ND	ND	ND	ND	0.35 J	ND	ND	ND	0.87
68G	60-66"	5096.04	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.86
64H	60-66"	5096.05	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.5
65H	60-66"	5096.06	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	4.1	1.0
66H	60-66"	5096.07	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	3.2	0.85
67H	60-66"	5096.08	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	4.9	1.4
H68	18-24"	5102.03	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H68	60-66"	5102.04	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
H69	60-66"	5102.05	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES:
Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
*NJDEP RDCSCC - NJDEP Residential Direct Contact Soil Cleanup Criteria
Exceedances of the NJDEP RDCSCC are highlighted and printed in **bold-faced** type.
J: Compound Identified Below Detection Limit
ND: Not Detected
NLE: No regulatory limit has been established for this parameter.

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
31	7-10'	4328.04	3/8/99	ND	ND	1.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
32	7-10'	4328.06	3/8/99	ND	ND	**24.37**	**4.58**	ND	ND	ND	ND	ND	4.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
33	7-10'	4328.08	3/8/99	ND	ND	**14.60**	**4.65**	ND	ND	ND	ND	ND	2.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
34	7-10'	4332.04	3/9/99	ND	ND	**68.09**	**4.97**	ND	ND	ND	ND	ND	10.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
35	7-10'	4332.06	3/9/99	ND	ND	**45.46**	**5.43**	ND	ND	ND	ND	ND	7.70	ND	2.81	ND	ND	ND	ND	ND	ND	ND	ND
36	7-10'	4332.08	3/9/99	ND	ND	**32.68**	**1.76**	ND	ND	ND	ND	ND	9.57	ND	2.61	ND	ND	ND	ND	ND	ND	ND	ND
37	7-10'	4332.10	3/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
38	7-10'	4334.04	3/10/99	ND	ND	**17.70**	**4.64**	1.12	7.82	ND	ND	ND	4.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
39	7-10'	4334.06	3/10/99	ND	ND	**9.16**	**1.63**	ND	ND	ND	ND	ND	2.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
40	7-10'	4334.08	3/10/99	ND	ND	**20.75**	**3.60**	ND	ND	ND	ND	ND	4.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
41	7-10'	4334.10	3/10/99	ND	ND	**23.57**	**2.43**	ND	ND	ND	ND	ND	7.52	ND	1.70	ND	ND	ND	ND	ND	ND	ND	ND
42	7-10'	4334.12	3/10/99	ND	ND	**14.84**	**2.47**	ND	ND	ND	ND	ND	5.78	ND	1.21	ND	ND	ND	ND	ND	ND	ND	ND
43	7-10'	4339.04	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
44	7-10'	4339.06	3/11/99	ND	ND	**55.53**	**3.21**	ND	ND	ND	ND	ND	5.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
45	7-10'	4350.04	3/16/99	ND	ND	**17.42**	**3.03**	ND	ND	ND	ND	ND	2.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
46	6.5-9.5'	4350.06	3/16/99	ND	ND	3.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
47	6.5-9.5'	4350.08	3/16/99	ND	ND	**7.62**	**2.72**	ND	ND	ND	ND	ND	3.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
48	6.5-9.5'	4350.10	3/16/99	ND	ND	**6.66**	**1.30**	ND	ND	ND	ND	ND	5.16	ND	ND	**6.51**	**16.71**	**15.75**	2.62	**72.00**	ND	ND	ND
49	6.5-9.5'	4355.04	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
50	6.5-9.5'	4355.06	3/17/99	ND	ND	**8.64**	ND	ND	ND	1.06	ND	ND	3.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
51	6.5-9.5'	4355.08	3/17/99	ND	ND	**15.08**	**2.24**	ND	ND	ND	ND	ND	5.51	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
52	6.5-9.5'	4355.10	3/17/99	ND	ND	**11.64**	**1.26**	ND	ND	ND	ND	ND	3.80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
53	6.5-9.5'	4355.12	3/17/99	ND	ND	1.53	ND	ND	ND	ND	ND	ND	1.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
54	6.5-9.5'	4355.14	3/17/99	ND	ND	2.57	ND	ND	ND	ND	ND	ND	3.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
55	6.5-9.5'	4355.16	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	6.5-9.5'	4355.18	3/17/99	ND	ND	**11.68**	**1.32**	ND	ND	ND	ND	ND	4.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
56	6.5-9.5'	4358.04	3/18/99	ND	ND	**22.41**	**2.87**	ND	ND	ND	ND	ND	4.66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
57	6.5-9.5'	4358.06	3/18/99	ND	ND	**23.95**	**1.88**	ND	ND	ND	ND	ND	2.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
58	6.5-9.5'	4358.08	3/18/99	ND	ND	**33.98**	**1.50**	ND	ND	ND	ND	ND	3.24	ND	2.09	ND	ND	ND	ND	ND	ND	ND	ND
59	6.5-9.5'	4358.10	3/18/99	ND	ND	**22.39**	ND	ND	ND	ND	ND	ND	7.66	ND	1.91	ND	ND	ND	ND	ND	ND	ND	ND
59A	6.5-9.5'	4368.04	3/23/99	ND	ND	**17.00**	0.55	ND	ND	ND	ND	ND	5.42	ND	1.49	ND	ND	ND	ND	ND	ND	ND	ND
60	6.5-9.5'	4368.06	3/23/99	ND	ND	**32.32**	**4.14**	ND	ND	ND	ND	ND	4.73	1.10	1.38	ND	ND	ND	ND	ND	ND	ND	ND
61	6.5-9.5'	4368.08	3/23/99	ND	ND	**23.13**	**4.01**	ND	ND	ND	ND	ND	4.15	0.93	0.84	ND	ND	ND	ND	ND	ND	ND	ND
62	6.5-9.5'	4368.10	3/23/99	ND	ND	**28.77**	**2.02**	ND	ND	ND	ND	ND	2.96	ND	1.12	ND	ND	ND	ND	ND	ND	ND	ND
63	6.5-9.5'	4368.12	3/23/99	ND	ND	**27.77**	**1.77**	ND	ND	ND	ND	ND	3.00	ND	1.28	ND	ND	ND	ND	ND	ND	ND	ND
64	6.5-9.5'	4368.14	3/23/99	ND	ND	**10.53**	ND	ND	ND	ND	ND	ND	1.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65	6.5-9.5'	4368.16	3/23/99	ND	ND	**6.12**	ND	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
66	7-10'	4381.04	3/30/99	ND	ND	2.58	**3.51**	3.15	6.29	1.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67	7-10'	4381.06	3/30/99	ND	ND	**26.99**	**2.91**	ND	ND	ND	ND	ND	6.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68	7-10'	4381.08	3/30/99	ND	ND	**5.13**	ND	ND	ND	ND	ND	ND	2.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69	4-7'	4381.10	3/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
70	7-10'	4381.12	3/30/99	ND	ND	1.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
71	6.5-9.5'	4396.04	4/6/99	ND	ND	**12.20**	**1.75**	ND	ND	ND	ND	ND	1.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
72	6-9'	4396.06	4/6/99	ND	ND	**20.04**	**3.66**	ND	ND	ND	ND	ND	2.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
73	6-9'	4696.08	4/6/99	ND	ND	**19.28**	**3.70**	ND	1.68	5.65	ND	ND	3.03	ND	1.02	ND	ND	ND	ND	ND	ND	ND	ND
74	6.5-9.5'	4407.04	4/9/99	ND	ND	**11.03**	**2.34**	ND	ND	ND	ND	ND	3.13	ND	3.20	ND	ND	ND	ND	ND	ND	ND	ND
75	6.5-9.5'	4407.06	4/9/99	ND	ND	**12.96**	**2.39**	ND	ND	ND	ND	ND	3.48	1.12	1.09	ND	ND	ND	ND	ND	ND	ND	ND
76	4-7'	4407.08	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	4-7'	4407.10	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
77	7-10'	4414.04	4/13/99	ND	ND	**6.76**	ND	ND	ND	ND	ND	ND	2.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
78	7-10'	4414.06	4/13/99	ND	1.25	**5.44**	ND	ND	ND	ND	ND	ND	1.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
79	5-8'	4414.08	4/13/99	ND	ND	**7.09**	**2.41**	ND	ND	ND	ND	ND	1.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
80	5-8'	4414.10	4/13/99	ND	ND	1.21	ND	ND	ND	ND	24.26	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
81	6-9'	4417.04	4/14/99	ND	ND	1.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
82	4-7'	4417.06	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
83	8-11'	4417.08	4/14/99	ND	ND	**5.49**	ND	ND	ND	ND	ND	ND	1.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
84	8-11'	4417.10	4/14/99	ND	ND	2.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
85	8-11'	4417.12	4/14/99	ND	ND	**4.90**	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
86	8-11'	4417.14	4/14/99	ND	ND	**4.74**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
87	5.5-8.5'	4422.04	4/16/99	ND	ND	1.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
88	4-7'	4422.06	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
89	6.5-9.5'	4422.08	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
90	6.5-9.5'	4422.10	4/16/99	ND	ND	**9.05**	**1.62**	ND	ND	ND	ND	ND	2.24	ND	2.29	ND	ND	ND	ND	ND	ND	ND	ND
91	6.5-9.5'	4422.12	4/16/99	ND	ND	**9.24**	**1.92**	ND	ND	ND	ND	ND	3.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
92	8-11'	4433.04	4/21/99	ND	ND	2.10	ND	ND	ND	ND	ND	ND	2.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
93	6.5-9.5'	4433.06	4/21/99	ND	ND	**4.88**	ND	ND	ND	ND	ND	ND	3.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
94	6.5-9.5'	4433.08	4/21/99	ND	ND	**4.42**	ND	ND	ND	ND	ND	ND	3.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
95	8-11'	4433.10	4/21/99	ND	2.05	**23.11**	**4.08**	ND	ND	ND	ND	ND	3.13	1.47	1.27	ND	ND	ND	ND	ND	ND	ND	ND
96	8-11'	4433.12	4/21/99	ND	ND	**8.38**	**1.54**	ND	ND	ND	ND	ND	1.54	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
97	7-10'	4442.04	4/26/99	ND	ND	2.58	**1.89**	ND	ND	ND	7.64	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
98	7-10'	4442.06	4/26/99	ND	ND	2.71	**2.02**	ND	ND	ND	9.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
99	6-9'	4442.08	4/26/99	ND	ND	ND	ND	ND	ND	ND	10.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
100	5.5-8.5'	4442.10	4/26/99	ND	ND	ND	ND	ND	ND	ND	11.00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
101	9.5-12.5'	4442.12	4/26/99	ND	ND	**14.46**	**1.20**	ND	ND	ND	12.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
102	8-11'	4445.04	4/27/99	ND	ND	**19.39**	**4.41**	ND	ND	1.68	ND	ND	3.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
103	8-11'	4445.06	4/27/99	ND	ND	**15.43**	**2.62**	ND	ND	1.15	4.82	ND	4.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
104	8.5-11.5'	4445.08	4/27/99	ND	1.72	**14.78**	**3.68**	ND	ND	ND	8.05	ND	9.00	1.63	1.17	ND	ND	ND	ND	ND	2.46	ND	ND
105	5.5-8.5'	4445.10	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
106	6.5-9.5'	4445.12	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
107	9.5-12.5'	4445.144	4/27/99	ND	ND	**25.71**	ND	ND	ND	ND	ND	ND	4.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8-11'	4445.16	4/27/99	ND	ND	**16.63**	**3.01**	ND	ND	1.35	4.74	ND	3.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
108	5.5-8.5'	4461.04	5/4/99	ND	ND	**42.54**	**1.43**	ND	ND	ND	9.08	ND	3.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
109	5.5-8.5'	4461.06	5/4/99	ND	ND	**45.15**	**1.37**	ND	ND	ND	7.72	ND	7.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
110	5.5-8.5'	4461.08	5/4/99	ND	ND	**57.37**	**1.66**	ND	ND	ND	2.39	ND	8.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
111	4.5-7.5'	4461.10	5/4/99	ND	ND	ND	**1.12**	ND	ND	ND	3.50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
112	4.5-7.5'	4461.12	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113	5.5-8.5'	4465.04	5/6/99	ND	ND	**10.02**	ND	ND	ND	ND	ND	ND	2.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114	5.5-8.5'	4465.06	5/6/99	ND	ND	**8.83**	ND	ND	ND	ND	ND	ND	1.89	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115	5.5-8.5'	4465.08	5/6/99	ND	ND	**8.41**	ND	ND	ND	ND	ND	ND	2.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116	5.5-8.5'	4465.10	5/6/99	ND	ND	ND	ND	ND	ND	ND	4.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117	5-8'	4465.12	5/6/99	ND	ND	2.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118	5-8'	4465.14	5/6/99	ND	ND	ND	ND	ND	ND	ND	2.43	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	5.5-8.5'	4465.16	5/6/99	ND	ND	**9.66**	ND	ND	ND	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64A	8-11'	4912.04	11/3/99	ND	ND	**11.62**	ND	ND	ND	ND	12.02	ND	1.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65A	8-11'	4912.06	11/3/99	ND	ND	**7.57**	**1.17**	ND	ND	ND	ND	ND	2.71	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66A	8-11'	4912.08	11/3/99	ND	ND	**11.94**	**2.15**	1.42	2.49	1.62	53.79	ND	1.90	ND	ND	ND	ND	ND	ND	ND	186.75 D	ND	ND
67A	8-11'	4912.10	11/3/99	ND	ND	**16.36**	**2.75**	ND	3.93	1.31	ND	ND	3.17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68A	8-11'	4912.12	11/3/99	ND	ND	**20.47**	ND	ND	ND	ND	ND	ND	2.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69A	8-11'	4912.14	11/3/99	ND	ND	**4.52**	ND	ND	1.39	ND	ND	ND	2.41	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64B	8-11'	4915.04	11/4/99	ND	ND	**42.09**	**1.12**	ND	ND	ND	ND	ND	3.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65B	8-11'	4915.06	11/4/99	ND	ND	**46.35**	**1.25**	ND	ND	ND	ND	ND	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66B	8-11'	4915.08	11/4/99	ND	ND	**21.25**	**3.82**	ND	ND	ND	ND	ND	4.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67B	8-11'	4915.10	11/4/99	ND	1.10	**13.46**	**4.05**	ND	ND	ND	ND	ND	3.69	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68B	8-11'	4915.12	11/4/99	ND	ND	**8.92**	**2.17**	ND	ND	ND	ND	ND	2.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69B	8-11'	4915.14	11/4/99	ND	1.71	**24.21**	**3.84**	ND	ND	ND	ND	ND	4.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113A	8-11'	4931.04	11/8/99	ND	ND	**32.01**	ND	ND	ND	ND	ND	ND	10.36	2.27	1.88	ND	ND	ND	ND	ND	ND	ND	ND
114A	8-11'	4931.06	11/8/99	ND	ND	**15.37**	**1.88**	ND	ND	ND	10.39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115A	8-11'	4931.08	11/8/99	ND	ND	**14.12**	**3.86**	ND	ND	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116A	8-11'	4931.10	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117A	8-11'	4933.04	11/10/99	ND	ND	**20.31**	**4.23**	ND	ND	ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114B	8-11'	4933.06	11/10/99	ND	ND	**65.75**	**14.67**	ND	ND	ND	ND	ND	3.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
Field Dup	8-11'	4933.16	11/10/99	ND	ND	**61.73**	**12.70**	ND	ND	ND	10.89	**26.80**	2.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115B	8-11'	4933.08	11/10/99	ND	ND	**70.53**	**13.33**	ND	ND	ND	ND	**26.06**	4.02	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND
116B	8-11'	4933.10	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117B	8-11'	4933.12	11/10/99	ND	ND	**9.90**	**5.18**	ND	ND	ND	ND	ND	1.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118B	8-11'	4933.14	11/10/99	ND	ND	3.84	**1.57**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114C	8-11'	4968.04	11/30/99	ND	ND	**80.15**	**9.47**	ND	3.48	2.29	ND	ND	11.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115C	8-11'	4968.06	11/30/99	ND	ND	**40.81**	**8.84**	ND	ND	ND	ND	ND	2.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116C	8-11'	4968.08	11/30/99	ND	ND	**48.22**	**4.68**	ND	ND	ND	8.40	ND	2.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117C	8-11'	4968.10	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118C	8-11'	4968.12	11/30/99	ND	ND	**13.57**	**4.03**	ND	ND	ND	18.59	ND	3.45	ND	ND	ND	ND	ND	ND	ND	6.40	ND	ND
119C	8-11'	4968.14	11/30/99	ND	ND	**8.58**	**2.59**	ND	ND	ND	8.83	ND	2.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113D	8-11'	4971.04	12/1/99	ND	ND	**19.33**	**2.53**	ND	ND	ND	ND	ND	1.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114D	8-11'	4971.06	12/1/99	ND	ND	**15.18**	**4.02**	ND	ND	1.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115D	8-11'	4971.08	12/1/99	ND	1.13	**17.44**	**3.87**	ND	ND	ND	ND	ND	1.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116D	8-11'	4971.10	12/1/99	ND	ND	**12.99**	**2.46**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117D	8-11'	4971.12	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118D	8-11'	4972.04	12/2/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113E	8-11'	4972.06	12/2/99	ND	ND	**23.96**	ND	ND	ND	ND	ND	ND	6.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114E	8-11'	4972.08	12/2/99	ND	ND	**13.98**	ND	ND	ND	ND	ND	ND	3.58	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115E	8-11'	4972.10	12/2/99	ND	1.60	**6.69**	**2.13**	ND	ND	ND	ND	ND	1.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116E	8-11'	4972.12	12/2/99	ND	ND	**12.85**	**4.60**	ND	ND	ND	ND	ND	2.62	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8-11'	4972.14	12/2/99	ND	ND	**9.47**	ND	ND	ND	ND	ND	ND	3.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117E	8-11'	4979.04	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118E	8-11'	4979.06	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64C	8.5-11.5'	4979.08	12/3/99	ND	ND	ND	ND	ND	ND	ND	3.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65C	8.5-11.5'	4979.10	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	1.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66C	8.5-11.5'	4979.12	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	1.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67C	8.5-11.5'	4979.14	12/3/99	ND	ND	**5.85**	**1.12**	ND	ND	ND	ND	ND	1.01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68C	8.5-11.5'	4979.16	12/3/99	ND	ND	2.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64D	8.5-13.5'	4990.04	12/6/99	ND	ND	ND	ND	ND	ND	ND	3.38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65D	8.5-13.5'	4990.06	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66D	8.5-13.5'	4990.08	12/6/99	ND	ND	**14.00**	**1.88**	ND	ND	ND	ND	ND	2.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67D	8.5-13.5'	4990.10	12/6/99	ND	ND	**28.94**	**3.83**	ND	ND	ND	ND	ND	4.87	1.80	1.22	ND	ND	ND	ND	ND	ND	ND	ND
68D	8.5-13.5'	4995.04	12/7/99	ND	ND	**22.58**	**3.58**	ND	ND	ND	11.21	ND	5.12	1.40	1.13	ND	ND	ND	ND	ND	ND	ND	ND
64E	8.5-13.5'	4995.06	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65E	8.5-13.5'	4995.08	12/7/99	ND	ND	**7.75**	ND	ND	ND	ND	ND	ND	1.07	ND	ND	ND	ND	ND	ND	ND	ND	53.08	ND
66E	8.5-13.5'	4995.10	12/7/99	ND	ND	**12.33**	ND	ND	ND	ND	ND	ND	1.76	ND	ND	ND	ND	ND	ND	ND	ND	91.11	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
67E	8.5-13.5'	4995.12	12/7/99	ND	ND	**5.92**	ND	ND	1.99	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Dup	8.5-13.5'	4995.14	12/7/99	ND	ND	**13.87**	ND	ND	ND	ND	ND	ND	1.97	ND	ND	ND	ND	ND	ND	ND	ND	88.24	ND
113F	7-12'	5058.16	1/3/00	ND	3.35	**99.56**	**4.47**	ND	ND	ND	ND	ND	5.14	ND	2.26	ND	ND	ND	ND	ND	ND	ND	ND
114F	7-12'	5058.17	1/3/00	ND	20.61	**16.74**	**3.11**	ND	ND	ND	ND	ND	2.87	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115F	7-12'	5058.18	1/3/00	ND	4.64	**15.70**	**4.37**	ND	ND	ND	5.06	ND	2.86	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116F	7-12'	5058.19	1/3/00	ND	ND	2.86	**2.24**	ND	ND	ND	7.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117F	7-12'	5058.20	1/3/00	ND	2.39	1.66	ND	ND	ND	ND	6.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118F	7-12'	5058.21	1/3/00	ND	2.75	ND	ND	ND	ND	ND	8.21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113G	7-12'	5064.12	1/4/00	ND	ND	ND	**1.03**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114G	7-12'	5064.13	1/4/00	ND	17.05	**17.61**	**1.99**	ND	ND	ND	ND	ND	6.34	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115G	7-12'	5064.14	1/4/00	ND	ND	**8.87**	**2.17**	ND	ND	ND	ND	ND	5.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.31
116G	7-12'	5064.15	1/4/00	ND	1.69	**23.75**	**8.22**	ND	ND	ND	5.96	ND	11.01	ND	ND	ND	ND	ND	ND	ND	6.35	ND	ND
117G	7-12'	5064.16	1/4/00	ND	15.71	**9.14**	0.65	ND	ND	ND	ND	ND	5.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.04
118G	7-12'	5064.17	1/4/00	ND	10.77	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113H	7-12'	5072.18	1/5/00	ND	3.70	**6.14**	**2.35**	ND	ND	ND	ND	ND	3.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114H	7-12'	5072.19	1/5/00	ND	1.69	**27.05**	**4.14**	ND	1.94	ND	4.02	ND	4.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115H	7-12'	5072.20	1/5/00	ND	ND	**4.90**	**1.10**	ND	ND	ND	ND	ND	6.49	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116H	7-12'	5072.21	1/5/00	ND	1.66	**34.42**	**1.99**	ND	ND	ND	ND	ND	17.96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117H	7-12'	5072.22	1/5/00	ND	3.76	1.22	ND	ND	ND	ND	ND	ND	2.78	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118H	7-12'	5072.23	1/5/00	ND	ND	ND	ND	ND	ND	ND	2.91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
113I	7-12'	5075.14	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
114I	7-12'	5075.10	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
115I	7-12'	5075.11	1/6/00	ND	1.86	ND	ND	ND	ND	ND	ND	ND	1.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
116I	7-12'	5075.12	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
117I	7-12'	5075.13	1/6/00	ND	ND	ND	ND	ND	ND	ND	19.22	ND	1.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
118I	7-12'	5075.09	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64F	7-12'	5091.09	1/11/00	ND	ND	**159.22 D**	**2.25**	ND	ND	ND	ND	ND	8.34	1.90	2.23	ND	ND	ND	ND	ND	ND	ND	ND
65F	7-12'	5091.10	1/11/00	ND	ND	**181.39 D**	**6.32**	ND	ND	ND	ND	ND	9.32	2.05	4.76	ND	ND	ND	ND	ND	ND	ND	ND
66F	7-12'	5091.11	1/11/00	ND	1.15	**69.69**	**3.45**	ND	ND	ND	ND	ND	10.63	2.51	3.15	ND	ND	ND	ND	ND	ND	ND	ND
67F	7-12'	5091.12	1/11/00	ND	1.34	**92.13**	**4.16**	ND	ND	ND	2.23	ND	11.15	1.43	2.98	ND	ND	ND	ND	ND	ND	ND	ND
68F	7-12'	5091.13	1/11/00	ND	1.91	**55.12**	**2.60**	ND	ND	ND	ND	ND	14.12	0.98	4.87	ND	ND	ND	ND	ND	ND	ND	ND
69F	7-12'	5091.14	1/11/00	ND	1.39	**59.31**	**2.85**	ND	ND	ND	ND	ND	12.82	1.45	4.18	ND	ND	ND	ND	ND	ND	ND	ND
64G	7-12'	5091.15	1/11/00	ND	1.47	**9.32**	ND	ND	ND	ND	4.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65G	7-12'	5091.16	1/11/00	ND	1.44	**6.72**	ND	ND	ND	ND	ND	ND	3.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
67G	7-12'	5091.17	1/11/00	ND	ND	**6.93**	ND	ND	ND	ND	ND	ND	3.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66G	7-12'	5091.18	1/11/00	ND	1.17	**7.45**	ND	ND	ND	ND	ND	ND	3.85	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68G	7-12'	5096.09	1/12/00	ND	ND	3.43	**1.29**	ND	ND	ND	ND	ND	7.92	1.29	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

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Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
69G	7-12'	5096.10	1/12/00	ND	1.73	**26.77**	ND	ND	ND	ND	ND	ND	3.23	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
64H	7-12'	5096.11	1/12/00	ND	ND	3.87	ND	ND	3.27	ND	ND	ND	2.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
65H	7-12'	5096.12	1/12/00	ND	ND	3.24	ND	ND	ND	ND	ND	ND	1.79	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
66H	7-12'	5096.13	1/12/00	ND	ND	ND	ND	ND	ND	ND	9.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.49	ND	ND
67H	7-12'	5096.14	1/12/00	ND	18.11	2.64	ND	ND	ND	ND	1.95	ND	2.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
68H	7-12'	5102.06	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
69H	7-12'	5102.07	1/13/00	ND	1.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4328.02	3/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4332.02	3/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4334.02	3/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4339.02	3/11/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4350.02	3/16/99	3.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4355.02	3/17/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4358.02	3/18/99	4.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4368.02	3/23/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4381.02	3/30/99	3.99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4396.02	4/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4407.02	4/9/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4414.02	4/13/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4417.02	4/14/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4422.02	4/16/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4433.02	4/21/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4442.02	4/26/99	ND	ND	ND	ND	ND	ND	ND	11.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4445.02	4/27/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4461.02	5/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4465.02	5/6/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4912.02	11/3/99	5.00	ND	ND	ND	ND	ND	ND	13.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4915.02	11/4/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4931.02	11/8/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4933.02	11/10/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4968.02	11/30/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4971.02	12/1/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4972.02	12/2/99	3.16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4979.02	12/3/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4990.02	12/6/99	ND	ND	ND	ND	ND	ND	ND	ND	1.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	4995.02	12/7/99	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5058.02	1/3/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2B
Results of Geoprobe Groundwater Investigation - VOC
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	MeCl	Carbon DiSulfide	Chloro-benzene	Benzene	Ethyl-benzene	Total Xylenes	Toluene	Acetone	Chloroform	1,4-DCB	1,2-DCB	1,3-DCB	PCE	TCE	Vinyl Chloride	trans-1,2-DCE	cis-1,2-DCE	2-Butanone	tert-Butyl alcohol	Methyl-tert-Butyl ether
Regulatory Level (ug/L)*				2	NLE	4	1	700	40	1000	700	6	75	600	600	1	1	5	100	10	1000	NLE	NLE
Field Blank	-	5064.02	1/4/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5072.02	1/5/00	2.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5075.02	1/6/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5091.02	1/11/00	ND	ND	ND	ND	ND	ND	ND	ND	4.92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5096.02	1/12/00	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Field Blank	-	5102.02	1/13/00	ND	ND	ND	ND	ND	ND	ND	ND	3.19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

NOTES

Only detected compounds are listed.

All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).

* Regulatory level shown is higher of PQL and Ground Water Quality Criteria as per NJAC 7;9-6

Exceedances of the NJDEP GWQC are highlighted and printed in **bold-faced** type.

D = Results are from a Dilution of the Sample

J = compound Identified Below Detection Limit

ND: Not Detected

NLE: No regulatory limit has been established for this parameter.

PQL: Practical Quantitation Limit

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
1	0-6"	4281.03	2/17/99	0.063	ND	ND	0.054	0.117
1	12-18"	4281.04	2/17/99	0.053	ND	ND	0.236	0.289
1	24-30"	4281.05	2/17/99	ND	ND	ND	0.041	0.041
1	36-42"	4281.06	2/17/99	ND	ND	ND	ND	ND
1	48-54"	4281.07	2/17/99	**8.669**	ND	ND	**1.137**	**9.806**
1	60-66"	4281.08	2/17/99	ND	ND	ND	**3.206**	**3.206**
1	72-78"	5119.25	1/24/00	ND	ND	ND	ND	ND
1	84-90"	5119.26	1/24/00	ND	ND	ND	ND	ND
1	96-102"	5119.27	1/24/00	ND	ND	ND	ND	ND
1	108-114"	5119.28	1/24/00	ND	ND	ND	ND	ND
2	0-6"	4281.09	2/17/99	ND	ND	ND	ND	ND
2	12-18"	4281.10	2/17/99	**1.162**	ND	ND	0.110	**1.272**
2	24-30"	4281.11	2/17/99	ND	ND	ND	ND	ND
2	36-42"	4281.12	2/17/99	**12.481**	ND	ND	**0.499**	**12.980**
2	48-54"	4281.13	2/17/99	**12.413**	ND	ND	**0.727**	**13.140**
2	60-66"	4281.14	2/17/99	ND	ND	ND	ND	ND
3	0-6"	4281.15	2/17/99	**0.967**	ND	ND	0.171	**1.138**
3	12-18"	4281.16	2/17/99	ND	ND	ND	ND	ND
3	24-30"	4281.17	2/17/99	ND	ND	ND	ND	ND
3	36-42"	4281.18	2/17/99	ND	ND	ND	ND	ND
3	48-54"	4281.19	2/17/99	ND	ND	ND	ND	ND
3	60-66"	4281.20	2/17/99	**1.935**	ND	ND	0.133	**2.068**
3	72-78"	5119.29	1/24/00	ND	ND	ND	ND	ND
3	84-90"	5119.30	1/24/00	ND	ND	ND	ND	ND
3	96-102"	5119.31	1/24/00	ND	ND	ND	ND	ND
3	108-114"	5119.32	1/24/00	ND	ND	ND	ND	ND
3A	0-6"	4890.28	10/27/99	ND	ND	ND	ND	ND
3A	12-18"	4890.29	10/27/99	ND	ND	ND	ND	ND
3A	24-30"	4890.30	10/27/99	ND	ND	ND	ND	ND
3A	36-42"	4890.31	10/27/99	ND	ND	ND	ND	ND
3A	48-54"	4890.32	10/27/99	ND	ND	ND	ND	ND
3A	60-66"	4890.33	10/27/99	ND	ND	ND	ND	ND
3A	72-78"	4890.34	10/27/99	ND	ND	ND	ND	ND
3A	84-90"	4890.35	10/27/99	ND	ND	ND	ND	ND
3A	90-96"	4890.36	10/27/99	ND	ND	ND	ND	ND
3B	0-6"	4963.20	11/23/99	ND	ND	ND	ND	ND
3B	12-18"	4963.21	11/23/99	ND	ND	ND	ND	ND
3B	24-30"	4963.22	11/23/99	ND	ND	ND	ND	ND
3B	36-42"	4963.23	11/23/99	ND	ND	ND	ND	ND
3B	48-54"	4963.24	11/23/99	ND	ND	ND	ND	ND
3B	60-66"	4963.25	11/23/99	ND	ND	ND	ND	ND
3B	72-78"	4963.26	11/23/99	ND	ND	ND	ND	ND
3B	84-90"	4963.27	11/23/99	ND	ND	ND	ND	ND
4	0-6"	4281.21	2/17/99	ND	ND	ND	ND	ND
4	12-18"	4281.22	2/17/99	**4.219**	ND	ND	0.279	**4.498**
4	24-30"	4281.23	2/17/99	ND	ND	ND	ND	ND
4	36-42"	4281.24	2/17/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
4	48-54"	4281.25	2/17/99	ND	ND	ND	ND	ND
4	60-66"	4281.26	2/17/99	**65.402**	ND	ND	**10.431**	**75.833**
4	72-78"	5119.33	1/24/00	ND	ND	ND	ND	ND
4	84-90"	5119.34	1/24/00	ND	ND	ND	ND	ND
4	96-102"	5119.35	1/24/00	ND	ND	ND	ND	ND
4	108-114"	5119.36	1/24/00	ND	ND	ND	ND	ND
5	0-6"	4285.02	2/19/99	ND	ND	ND	ND	ND
5	12-18"	4285.03	2/19/99	0.117	ND	ND	0.054	0.171
5	24-30"	4285.04	2/19/99	0.050	ND	ND	0.047	0.097
5	36-42"	4285.05	2/19/99	ND	ND	ND	ND	ND
5	48-54"	4285.06	2/19/99	ND	ND	ND	0.483	0.483
5	60-66"	4285.07	2/19/99	ND	ND	ND	0.148	0.148
6	0-6"	4285.08	2/19/99	0.081	ND	ND	0.040	0.121
6	12-18"	4285.09	2/19/99	ND	ND	ND	ND	ND
6	24-30"	4285.10	2/19/99	ND	ND	ND	ND	ND
6	36-42"	4285.11	2/19/99	ND	ND	ND	0.029	0.029
6	48-54"	4285.12	2/19/99	ND	ND	ND	ND	ND
6	60-66"	4285.13	2/19/99	**208.421**	ND	ND	**3.180**	**211.601**
6	72-78"	5119.37	1/24/00	ND	ND	ND	ND	ND
6	84-90"	5119.38	1/24/00	ND	ND	ND	ND	ND
6	96-102"	5119.39	1/24/00	ND	ND	ND	ND	ND
6	108-114"	5119.40	1/24/00	ND	ND	ND	ND	ND
6A	0-6"	4890.37	10/27/99	ND	ND	ND	ND	ND
6A	12-18"	4890.38	10/27/99	ND	ND	ND	ND	ND
6A	24-30"	4890.39	10/27/99	ND	ND	ND	ND	ND
6A	36-42"	4890.40	10/27/99	ND	ND	ND	ND	ND
6A	48-54"	4890.41	10/27/99	ND	ND	ND	ND	ND
6A	60-66"	4890.42	10/27/99	ND	ND	ND	ND	ND
6A	72-78"	4890.43	10/27/99	ND	ND	ND	ND	ND
6A	84-90"	4890.44	10/27/99	ND	ND	ND	ND	ND
6A	90-96"	4890.45	10/27/99	ND	ND	ND	ND	ND
6B	0-6"	4963.11	11/23/99	ND	ND	ND	ND	ND
6B	12-18"	4963.12	11/23/99	ND	ND	ND	ND	ND
6B	24-30"	4963.13	11/23/99	ND	ND	ND	ND	ND
6B	36-42"	4963.14	11/23/99	ND	ND	ND	ND	ND
6B	48-54"	4963.15	11/23/99	ND	ND	ND	ND	ND
6B	60-66"	4963.16	11/23/99	ND	ND	ND	ND	ND
6B	72-78"	4963.17	11/23/99	ND	ND	ND	ND	ND
6B	84-90"	4963.18	11/23/99	ND	ND	ND	ND	ND
7	0-6"	4285.14	2/19/99	0.108	ND	ND	0.047	0.155
7	12-18"	4285.15	2/19/99	0.152	ND	ND	0.014	0.166
7	24-30"	4285.16	2/19/99	ND	ND	ND	0.208	0.208
7	36-42"	4285.17	2/19/99	0.115	ND	ND	0.038	0.153
7	48-54"	4285.18	2/19/99	0.153	ND	ND	0.042	0.195
7	60-66"	4285.19	2/19/99	0.046	ND	ND	0.031	0.077
8	0-6"	4290.02	2/22/99	0.047	ND	ND	0.048	0.095
8	12-18"	4290.03	2/22/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
8	24-30"	4290.04	2/22/99	ND	ND	ND	ND	ND
8	36-42"	4290.05	2/22/99	ND	ND	ND	ND	ND
8	48-54"	4290.06	2/22/99	ND	ND	ND	ND	ND
8	60-66"	4290.07	2/22/99	ND	ND	ND	0.296	0.296
9	0-6"	4290.08	2/22/99	0.465	ND	ND	0.231	**0.696**
9	12-18"	4290.09	2/22/99	ND	ND	ND	ND	ND
9	24-30"	4290.10	2/22/99	ND	ND	ND	ND	ND
9	36-42"	4290.11	2/22/99	ND	ND	ND	ND	ND
9	48-54"	4290.12	2/22/99	ND	ND	ND	ND	ND
9	60-66"	4290.13	2/22/99	ND	ND	ND	ND	ND
9A	0-6"	4890.46	10/27/99	ND	ND	ND	0.262	0.262
9A	12-18"	4890.47	10/27/99	ND	ND	ND	0.241	0.241
9A	24-30"	4890.48	10/27/99	ND	ND	ND	0.087	0.087
9A	36-42"	4890.49	10/27/99	ND	ND	ND	ND	ND
9A	48-54"	4890.50	10/27/99	ND	ND	ND	ND	ND
9A	60-66"	4890.51	10/27/99	ND	ND	ND	ND	ND
9A	72-78"	4890.52	10/27/99	ND	ND	ND	ND	ND
9A	84-90"	4890.53	10/27/99	ND	ND	ND	ND	ND
9A	90-96"	4890.54	10/27/99	ND	ND	ND	ND	ND
9B	0-6"	4963.02	11/23/99	ND	ND	ND	ND	ND
9B	12-18"	4963.03	11/23/99	ND	ND	ND	ND	ND
9B	24-30"	4963.04	11/23/99	ND	ND	ND	ND	ND
9B	36-42"	4963.05	11/23/99	ND	ND	ND	ND	ND
9B	48-54"	4963.06	11/23/99	ND	ND	ND	ND	ND
9B	60-66"	4963.07	11/23/99	ND	ND	ND	ND	ND
9B	72-78"	4963.08	11/23/99	ND	ND	ND	ND	ND
9B	84-90"	4963.09	11/23/99	ND	ND	ND	ND	ND
10	0-6"	4290.14	2/22/99	ND	ND	ND	0.054	0.054
10	12-18"	4290.15	2/22/99	0.379	ND	ND	0.037	0.416
10	24-30"	4290.16	2/22/99	**1.042**	ND	ND	0.059	**1.101**
10	36-42"	4290.17	2/22/99	**0.704**	ND	ND	0.065	**0.769**
10	48-54"	4290.18	2/22/99	0.159	ND	ND	0.086	0.245
10	60-66"	4290.19	2/22/99	**6.392**	ND	ND	**8.381**	**14.773**
10	72-78"	5119.41	1/24/00	ND	ND	ND	ND	ND
10	84-90"	5119.42	1/24/00	ND	ND	ND	ND	ND
10	96-102"	5119.43	1/24/00	ND	ND	ND	ND	ND
10	108-114"	5119.44	1/24/00	ND	ND	ND	ND	ND
10A	0-6"	4890.01	10/27/99	ND	ND	ND	ND	ND
10A	12-18"	4890.02	10/27/99	ND	ND	ND	ND	ND
10A	24-30"	4890.03	10/27/99	ND	ND	ND	**0.497**	**0.497**
10A	36-42"	4890.04	10/27/99	ND	ND	ND	ND	ND
10A	48-54"	4890.05	10/27/99	ND	ND	ND	ND	ND
10A	60-66"	4890.06	10/27/99	ND	ND	ND	ND	ND
10A	72-78"	4890.07	10/27/99	ND	ND	ND	ND	ND
10A	84-90"	4890.08	10/27/99	ND	ND	ND	ND	ND
10A	90-96"	4890.09	10/27/99	ND	ND	ND	ND	ND
10B	0-6"	5148.19	2/7/00	ND	0.314	ND	ND	0.314

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
10B	12-18"	5148.20	2/7/00	ND	ND	ND	ND	ND
10B	24-30"	5148.21	2/7/00	ND	**1.192**	ND	ND	**1.192**
10B	36-42"	5148.22	2/7/00	ND	ND	ND	ND	ND
10B	48-54"	5148.23	2/7/00	ND	ND	ND	ND	ND
10B	60-66"	5148.24	2/7/00	ND	ND	ND	ND	ND
10B	72-78"	5148.25	2/7/00	ND	ND	ND	ND	ND
10B	84-90"	5148.26	2/7/00	ND	ND	ND	ND	ND
10B	96-102"	5148.27	2/7/00	ND	ND	ND	ND	ND
10B	108-114"	5148.28	2/7/00	ND	ND	ND	ND	ND
10C	0-6"	5148.29	2/7/00	ND	**0.983**	ND	ND	**0.983**
10C	12-18"	5148.30	2/7/00	ND	ND	ND	ND	ND
10C	24-30"	5148.31	2/7/00	ND	ND	ND	ND	ND
10C	36-42"	5148.32	2/7/00	ND	ND	ND	ND	ND
10C	48-54"	5148.33	2/7/00	ND	ND	ND	ND	ND
10C	60-66"	5148.34	2/7/00	ND	ND	ND	ND	ND
10C	72-78"	5148.35	2/7/00	ND	**33.606**	ND	ND	**33.606**
10C	84-90"	5148.36	2/7/00	ND	ND	ND	ND	ND
10C	96-102"	5148.37	2/7/00	ND	ND	ND	ND	ND
10C	108-114"	5148.38	2/7/00	ND	ND	ND	ND	ND
10D	0-6"	5207.01	2/29/00	ND	ND	ND	ND	ND
10D	12-18"	5207.02	2/29/00	ND	ND	ND	ND	ND
10D	24-30"	5207.03	2/29/00	ND	ND	ND	ND	ND
10D	36-42"	5207.04	2/29/00	ND	ND	ND	ND	ND
10D	48-54"	5207.05	2/29/00	ND	ND	ND	ND	ND
10D	60-66"	5207.06	2/29/00	ND	ND	ND	ND	ND
10D	72-78"	5207.07	2/29/00	ND	ND	ND	ND	ND
10D	84-90"	5207.08	2/29/00	ND	**2.145**	ND	ND	**2.145**
10D	96-102"	5207.09	2/29/00	ND	**14.152**	ND	ND	**14.152**
10D	108-114"	5228.01	3/8/00	ND	ND	ND	ND	ND
10D	120-126"	5228.02	3/8/00	ND	ND	ND	ND	ND
10D	132-138"	5228.03	3/8/00	ND	ND	ND	ND	ND
10D	144-150"	5228.04	3/8/00	ND	ND	ND	ND	ND
10E	0-6"	5228.05	3/8/00	ND	ND	**1.682**	ND	**1.682**
10E	12-18"	5228.06	3/8/00	ND	ND	ND	ND	ND
10E	24-30"	5228.07	3/8/00	ND	ND	ND	ND	ND
10E	36-42"	5228.08	3/8/00	ND	ND	ND	ND	ND
10E	48-54"	5228.09	3/8/00	ND	ND	ND	ND	ND
10E	60-66"	5228.10	3/8/00	ND	ND	ND	ND	ND
10E	72-78"	5228.11	3/8/00	ND	ND	ND	ND	ND
10E	84-90"	5228.12	3/8/00	ND	ND	0.432	ND	0.432
10E	96-102"	5228.13	3/8/00	ND	ND	**1.484**	ND	**1.484**
10E	108-116"	5228.14	3/8/00	ND	ND	ND	ND	ND
10E	122-128"	5228.15	3/8/00	ND	ND	ND	ND	ND
10E	134-140"	5228.16	3/8/00	ND	ND	ND	ND	ND
10E	144-150"	5228.17	3/8/00	ND	ND	ND	ND	ND
10F	0-6"	5272.01	3/22/00	ND	ND	ND	ND	ND
10F	12-18"	5272.02	3/22/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
10F	24-30"	5272.03	3/22/00	ND	ND	ND	ND	ND
10F	36-42"	5272.04	3/22/00	ND	ND	ND	ND	ND
10F	48-54"	5272.05	3/22/00	ND	ND	ND	ND	ND
10F	60-66"	5272.06	3/22/00	ND	ND	ND	ND	ND
10F	72-78"	5272.07	3/22/00	ND	ND	ND	ND	ND
10F	84-90"	5272.08	3/22/00	ND	ND	ND	ND	ND
10F	96-102"	5272.09	3/22/00	ND	ND	ND	ND	ND
10F	108-114"	5272.10	3/22/00	ND	ND	ND	ND	ND
11	0-6"	4290.20	2/22/99	**1.230**	ND	ND	0.126	**1.356**
11	12-18"	4290.21	2/22/99	0.157	ND	ND	0.060	0.217
11	24-30"	4290.22	2/22/99	ND	ND	ND	ND	ND
11	36-42"	4290.23	2/22/99	ND	ND	ND	ND	ND
11	48-54"	4290.24	2/22/99	ND	ND	ND	0.234	0.234
11	60-66"	4290.25	2/22/99	ND	ND	ND	0.033	0.033
11A	0-6"	4890.10	10/27/99	ND	ND	**0.513**	ND	**0.513**
11A	12-18"	4890.11	10/27/99	ND	ND	**0.657**	ND	**0.657**
11A	24-30"	4890.12	10/27/99	ND	**27.424**	ND	ND	**27.424**
11A	36-42"	4890.13	10/27/99	**0.745**	ND	ND	**0.532**	**1.277**
11A	48-54"	4890.14	10/27/99	ND	ND	ND	ND	ND
11A	60-66"	4890.15	10/27/99	ND	**5.526**	ND	ND	**5.526**
11A	72-78"	4890.16	10/27/99	ND	ND	ND	ND	ND
11A	84-90"	4890.17	10/27/99	ND	ND	ND	ND	ND
11A	90-96"	4890.18	10/27/99	ND	ND	ND	ND	ND
11B	0-6"	5119.01	1/24/00	ND	ND	ND	ND	ND
11B	12-18"	5119.02	1/24/00	ND	ND	ND	ND	ND
11B	24-30"	5119.03	1/24/00	ND	**1.482**	ND	ND	**1.482**
11B	36-42"	5119.04	1/24/00	ND	ND	ND	ND	ND
11B	48-54"	5119.05	1/24/00	ND	**1.277**	ND	ND	**1.277**
11B	60-66"	5119.06	1/24/00	ND	**1.646**	ND	ND	**1.646**
11B	72-78"	5148.01	2/7/00	ND	0.323	ND	ND	0.323
11B	84-90"	5148.02	2/7/00	ND	**0.582**	ND	ND	**0.582**
11B	96-102"	5148.03	2/7/00	ND	ND	ND	ND	ND
11B	108-114"	5148.04	2/7/00	ND	ND	ND	ND	ND
11C	0-6"	5148.39	2/7/00	ND	ND	ND	ND	ND
11C	12-18"	5148.40	2/7/00	ND	ND	ND	ND	ND
11C	24-30"	5148.41	2/7/00	ND	ND	ND	ND	ND
11C	36-42"	5148.42	2/7/00	ND	**4.060**	ND	ND	**4.060**
11C	48-54"	5148.43	2/7/00	ND	ND	ND	ND	ND
11C	60-66"	5148.44	2/7/00	ND	ND	ND	ND	ND
11C	72-78"	5148.45	2/7/00	ND	**0.978**	ND	ND	**0.978**
11C	84-90"	5148.46	2/7/00	ND	0.301	ND	ND	0.301
11C	96-102"	5148.47	2/7/00	ND	ND	ND	ND	ND
11C	108-114"	5148.48	2/7/00	ND	ND	ND	ND	ND
11D	0-6"	5228.18	3/8/00	ND	ND	ND	ND	ND
11D	12-18"	5228.19	3/8/00	ND	ND	ND	ND	ND
11D	24-30"	5228.20	3/8/00	ND	ND	ND	ND	ND
11D	36-42"	5228.21	3/8/00	ND	**6.352**	ND	ND	**6.352**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
11D	48-54"	5228.22	3/8/00	ND	ND	ND	ND	ND
11D	60-66"	5228.23	3/8/00	ND	**9.339**	ND	ND	**9.339**
11D	72-78"	5228.24	3/8/00	ND	**17.262**	ND	ND	**17.262**
11D	84-90"	5228.25	3/8/00	ND	ND	ND	ND	ND
11D	96-102"	5228.26	3/8/00	ND	ND	ND	ND	ND
11D	108-116"	5228.27	3/8/00	ND	ND	ND	ND	ND
11D	122-128"	5228.28	3/8/00	ND	ND	ND	ND	ND
11D	134-140"	5228.29	3/8/00	ND	ND	ND	ND	ND
11D	144-150"	5228.30	3/8/00	ND	ND	ND	ND	ND
11E	0-6"	5251.01	3/16/00	ND	ND	ND	ND	ND
11E	12-18"	5251.02	3/16/00	ND	**1.017**	ND	ND	**1.017**
11E	24-30"	5251.03	3/16/00	ND	ND	ND	ND	ND
11E	36-42"	5251.04	3/16/00	ND	ND	ND	ND	ND
11E	48-54"	5251.05	3/16/00	ND	**187.444**	ND	ND	**187.444**
11E	60-66"	5251.06	3/16/00	ND	ND	ND	ND	ND
11E	72-78"	5251.07	3/16/00	ND	ND	ND	ND	ND
11E	84-90"	5251.08	3/16/00	ND	ND	ND	ND	ND
11E	96-102"	5251.09	3/16/00	ND	ND	ND	ND	ND
11E	108-114"	5251.10	3/16/00	ND	ND	ND	ND	ND
11F	0-6"	5272.11	3/22/00	ND	ND	ND	ND	ND
11F	12-18"	5272.12	3/22/00	ND	ND	ND	ND	ND
11F	24-30"	5272.13	3/22/00	ND	ND	ND	ND	ND
11F	36-42"	5272.14	3/22/00	ND	ND	ND	ND	ND
11F	48-54"	5272.15	3/22/00	ND	ND	ND	ND	ND
11F	60-66"	5272.16	3/22/00	ND	ND	ND	ND	ND
11F	72-78"	5272.17	3/22/00	ND	ND	ND	ND	ND
11F	84-90"	5272.18	3/22/00	ND	ND	ND	ND	ND
11F	96-102"	5272.19	3/22/00	ND	ND	ND	ND	ND
11F	108-114"	5272.20	3/22/00	ND	ND	ND	ND	ND
12	0-6"	4290.26	2/22/99	0.079	ND	ND	0.036	0.115
12	12-18"	4290.27	2/22/99	0.195	ND	ND	0.060	0.255
12	24-30"	4290.28	2/22/99	0.272	ND	ND	0.059	0.331
12	36-42"	4290.29	2/22/99	ND	ND	ND	ND	ND
12	48-54"	4290.30	2/22/99	ND	ND	ND	ND	ND
12	60-66"	4290.31	2/22/99	ND	ND	ND	ND	ND
12A	0-6"	5119.07	1/24/00	ND	ND	ND	ND	ND
12A	12-18"	5119.08	1/24/00	ND	**5.596**	ND	ND	**5.596**
12A	24-30"	5119.09	1/24/00	ND	ND	ND	ND	ND
12A	36-42"	5119.10	1/24/00	ND	ND	ND	ND	ND
12A	48-54"	5119.11	1/24/00	ND	ND	ND	ND	ND
12A	60-66"	5119.12	1/24/00	ND	ND	ND	ND	ND
12B	0-6"	5119.13	1/24/00	ND	ND	ND	ND	ND
12B	12-18"	5119.14	1/24/00	ND	ND	ND	ND	ND
12B	24-30"	5119.15	1/24/00	ND	ND	ND	ND	ND
12B	36-42"	5119.16	1/24/00	ND	ND	ND	ND	ND
12B	48-54"	5119.17	1/24/00	ND	ND	ND	ND	ND
12B	60-66"	5119.18	1/24/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
12C	0-6"	5119.19	1/24/00	ND	ND	ND	ND	ND
12C	12-18"	5119.20	1/24/00	ND	ND	ND	ND	ND
12C	24-30"	5119.21	1/24/00	ND	ND	ND	ND	ND
12C	36-42"	5119.22	1/24/00	ND	ND	ND	ND	ND
12C	48-54"	5119.23	1/24/00	ND	ND	ND	ND	ND
12C	60-66"	5119.24	1/24/00	ND	ND	ND	ND	ND
12D	0-6"	5148.09	2/7/00	ND	ND	ND	ND	ND
12D	12-18"	5148.10	2/7/00	ND	ND	ND	ND	ND
12D	24-30"	5148.11	2/7/00	ND	ND	ND	ND	ND
12D	36-42"	5148.12	2/7/00	ND	ND	ND	ND	ND
12D	48-54"	5148.13	2/7/00	ND	ND	ND	ND	ND
12D	60-66"	5148.14	2/7/00	ND	ND	ND	ND	ND
12D	72-78"	5148.15	2/7/00	ND	ND	ND	ND	ND
12D	84-90"	5148.16	2/7/00	ND	ND	ND	ND	ND
12D	96-102"	5148.17	2/7/00	ND	ND	ND	ND	ND
12D	108-114"	5148.18	2/7/00	ND	ND	ND	ND	ND
12E	0-6"	5148.49	2/7/00	ND	ND	ND	ND	ND
12E	12-18"	5148.50	2/7/00	ND	ND	ND	ND	ND
12E	24-30"	5148.51	2/7/00	ND	ND	ND	ND	ND
12E	36-42"	5148.52	2/7/00	ND	ND	ND	ND	ND
12E	48-54"	5148.53	2/7/00	ND	ND	ND	ND	ND
12E	60-66"	5148.54	2/7/00	ND	ND	ND	ND	ND
12E	72-78"	5148.55	2/7/00	ND	ND	ND	ND	ND
12E	84-90"	5148.56	2/7/00	ND	ND	ND	ND	ND
12E	96-102"	5148.57	2/7/00	ND	ND	ND	**2.315**	**2.315**
12E	108-114"	5148.58	2/7/00	ND	ND	**9.961**	ND	**9.961**
12F	0-6"	5148.59	2/7/00	ND	**1.167**	ND	ND	**1.167**
12F	12-18"	5148.60	2/7/00	ND	ND	ND	ND	ND
12F	24-30"	5148.61	2/7/00	ND	ND	ND	ND	ND
12F	36-42"	5148.62	2/7/00	ND	ND	ND	ND	ND
12F	48-54"	5148.63	2/7/00	ND	ND	ND	ND	ND
12F	60-66"	5148.64	2/7/00	ND	ND	ND	ND	ND
12F	72-78"	5148.65	2/7/00	ND	ND	ND	ND	ND
12F	84-90"	5148.66	2/7/00	ND	ND	ND	ND	ND
12F	96-102"	5148.67	2/7/00	ND	ND	**1.985**	ND	**1.985**
12F	108-114"	5148.68	2/7/00	ND	ND	ND	ND	ND
12G	0-6"	5272.41	3/22/00	ND	ND	**0.556**	ND	**0.556**
12G	12-18"	5272.42	3/22/00	ND	ND	ND	ND	ND
12G	24-30"	5272.43	3/22/00	ND	ND	ND	ND	ND
12G	36-42"	5272.44	3/22/00	ND	ND	ND	ND	ND
12G	48-54"	5272.45	3/22/00	ND	ND	ND	ND	ND
12G	60-66"	5272.46	3/22/00	ND	ND	ND	ND	ND
12G	72-78"	5272.47	3/22/00	ND	ND	ND	ND	ND
12G	84-90"	5272.48	3/22/00	ND	ND	ND	ND	ND
12G	96-102"	5272.49	3/22/00	ND	ND	ND	ND	ND
12G	108-114"	5272.50	3/22/00	ND	ND	ND	ND	ND
12H	0-6"	5272.31	3/22/00	ND	**0.496**	ND	ND	**0.496**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
12H	12-18"	5272.32	3/22/00	ND	ND	ND	ND	ND
12H	24-30"	5272.33	3/22/00	ND	ND	ND	ND	ND
12H	36-42"	5272.34	3/22/00	ND	ND	ND	ND	ND
12H	48-54"	5272.35	3/22/00	ND	ND	**1.533**	ND	**1.533**
12H	60-66"	5272.36	3/22/00	ND	ND	**1.885**	ND	**1.885**
12H	72-78"	5272.37	3/22/00	ND	ND	ND	ND	ND
12H	84-90"	5272.38	3/22/00	ND	ND	ND	ND	ND
12H	96-102"	5272.39	3/22/00	ND	ND	ND	ND	ND
12H	108-114"	5272.40	3/22/00	ND	ND	ND	ND	ND
12I	0-6"	5272.21	3/22/00	ND	ND	**6.697**	ND	**6.697**
12I	12-18"	5272.22	3/22/00	ND	ND	ND	ND	ND
12I	24-30"	5272.23	3/22/00	ND	ND	ND	ND	ND
12I	36-42"	5272.24	3/22/00	ND	ND	ND	ND	ND
12I	48-54"	5272.25	3/22/00	ND	ND	ND	ND	ND
12I	60-66"	5272.26	3/22/00	ND	ND	ND	ND	ND
12I	72-78"	5272.27	3/22/00	ND	ND	ND	ND	ND
12I	84-90"	5272.28	3/22/00	ND	ND	ND	ND	ND
12I	96-102"	5272.29	3/22/00	ND	ND	ND	ND	ND
12I	108-114"	5272.30	3/22/00	ND	ND	ND	ND	ND
13	0-6"	4294.02	2/23/99	ND	ND	ND	ND	ND
13	12-18"	4294.03	2/23/99	ND	ND	ND	ND	ND
13	24-30"	4294.04	2/23/99	ND	ND	ND	ND	ND
13	36-42"	4294.05	2/23/99	ND	ND	ND	ND	ND
13	48-54"	4294.06	2/23/99	**0.915**	ND	ND	ND	**0.915**
13	60-66"	4294.07	2/23/99	**3.170**	ND	ND	**1.491**	**4.661**
13	72-78"	5119.45	1/24/00	ND	ND	ND	ND	ND
13	84-90"	5119.46	1/24/00	ND	ND	ND	ND	ND
13	96-102"	5119.47	1/24/00	ND	ND	ND	ND	ND
13	108-114"	5119.48	1/24/00	ND	ND	ND	ND	ND
14	0-6"	4294.08	2/23/99	ND	ND	ND	0.102	0.102
14	12-18"	4294.09	2/23/99	0.236	ND	ND	0.072	0.308
14	24-30"	4294.10	2/23/99	ND	ND	ND	ND	ND
14	36-42"	4294.11	2/23/99	ND	ND	ND	ND	ND
14	48-54"	4294.12	2/23/99	ND	ND	ND	ND	ND
14	60-66"	4294.13	2/23/99	0.402	ND	ND	0.062	0.464
15	0-6"	4294.14	2/23/99	0.083	ND	ND	0.089	0.172
15	12-18"	4294.15	2/23/99	0.140	ND	ND	0.058	0.198
15	24-30"	4294.16	2/23/99	ND	ND	ND	ND	ND
15	36-42"	4294.17	2/23/99	ND	ND	ND	ND	ND
15	48-54"	4294.18	2/23/99	ND	ND	ND	ND	ND
15	60-66"	4294.19	2/23/99	ND	ND	ND	0.134	0.134
15A	0-6"	4890.19	10/27/99	ND	ND	ND	ND	ND
15A	12-18"	4890.20	10/27/99	ND	ND	ND	ND	ND
15A	24-30"	4890.21	10/27/99	ND	ND	ND	ND	ND
15A	36-42"	4890.22	10/27/99	ND	ND	ND	ND	ND
15A	48-54"	4890.23	10/27/99	ND	ND	ND	ND	ND
15A	60-66"	4890.24	10/27/99	ND	ND	ND	**0.667**	**0.667**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
15A	72-78"	4890.25	10/27/99	ND	ND	ND	ND	ND
15A	84-90"	4890.26	10/27/99	ND	ND	**42.494**	ND	**42.494**
15A	90-96"	4890.27	10/27/99	ND	ND	ND	ND	ND
15B	0-6"	4963.29	11/23/99	ND	ND	ND	ND	ND
15B	12-18"	4963.30	11/23/99	ND	ND	ND	ND	ND
15B	24-30"	4963.31	11/23/99	ND	ND	ND	ND	ND
15B	36-42"	4963.32	11/23/99	ND	ND	ND	ND	ND
15B	48-54"	4963.33	11/23/99	ND	ND	ND	ND	ND
15B	60-66"	4963.34	11/23/99	ND	ND	ND	ND	ND
15B	72-78"	4963.35	11/23/99	ND	ND	ND	ND	ND
15B	84-90"	4963.36	11/23/99	ND	ND	ND	ND	ND
16	0-6"	4294.23	2/23/99	ND	ND	ND	ND	ND
16	12-18"	4294.24	2/23/99	ND	ND	ND	ND	ND
16	24-30"	4294.25	2/23/99	ND	ND	ND	ND	ND
16	36-42"	4294.26	2/23/99	0.116	ND	ND	0.054	0.170
16	48-54"	4294.27	2/23/99	ND	ND	ND	ND	ND
16	60-66"	4294.28	2/23/99	**0.590**	ND	ND	0.129	**0.719**
17	0-6"	4307.01	3/1/99	ND	ND	ND	ND	ND
17	12-18"	4307.02	3/1/99	ND	ND	ND	ND	ND
17	24-30"	4307.03	3/1/99	ND	ND	ND	ND	ND
17	36-42"	4307.04	3/1/99	**40.042**	ND	ND	**0.867**	**40.909**
17	48-54"	4307.05	3/1/99	**0.518**	ND	ND	0.041	**0.559**
17	60-66"	4307.06	3/1/99	**1.058**	ND	ND	ND	**1.058**
18	0-6"	4307.07	3/1/99	ND	ND	ND	ND	ND
18	12-18"	4307.08	3/1/99	ND	ND	ND	ND	ND
18	24-30"	4307.09	3/1/99	ND	ND	ND	ND	ND
18	36-42"	4307.10	3/1/99	**394.167**	ND	ND	**2.893**	**397.060**
18	48-54"	4307.11	3/1/99	**5.089**	ND	ND	0.478	**5.567**
18	60-66"	4307.12	3/1/99	**4.733**	ND	ND	0.042	**4.775**
18	72-78"	5119.49	1/24/00	ND	ND	ND	ND	ND
18	84-90"	5119.50	1/24/00	ND	ND	ND	ND	ND
18	96-102"	5119.51	1/24/00	ND	ND	ND	ND	ND
18	108-114"	5119.52	1/24/00	ND	ND	ND	ND	ND
18A	0-6"	4903.16	11/1/99	ND	ND	ND	ND	ND
18A	12-18"	4903.17	11/1/99	ND	ND	ND	ND	ND
18A	24-30"	4903.18	11/1/99	ND	ND	ND	ND	ND
18A	36-42"	4903.19	11/1/99	ND	ND	ND	ND	ND
18A	48-54"	4903.20	11/1/99	ND	ND	ND	ND	ND
18A	60-66"	4903.21	11/1/99	ND	ND	ND	ND	ND
18A	72-78"	4903.22	11/1/99	ND	ND	ND	ND	ND
18B	0-6"	4963.47	11/23/99	ND	ND	ND	ND	ND
18B	12-18"	4963.48	11/23/99	ND	ND	ND	ND	ND
18B	24-30"	4963.49	11/23/99	ND	ND	ND	ND	ND
18B	36-42"	4963.50	11/23/99	ND	ND	ND	ND	ND
18B	48-54"	4963.51	11/23/99	ND	ND	ND	ND	ND
18B	60-66"	4963.52	11/23/99	ND	ND	ND	ND	ND
18B	72-78"	4963.53	11/23/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
18B	84-90"	4963.54	11/23/99	ND	ND	ND	ND	ND
19	0-6"	4307.13	3/1/99	ND	ND	ND	ND	ND
19	12-18"	4307.14	3/1/99	ND	ND	ND	ND	ND
19	24-30"	4307.15	3/1/99	ND	ND	ND	ND	ND
19	36-42"	4307.16	3/1/99	**1.892**	ND	ND	0.104	**1.996**
19	48-54"	4307.17	3/1/99	**4.111**	ND	ND	**0.918**	**5.029**
19	60-66"	4307.18	3/1/99	**24.754**	ND	ND	**0.558**	**25.312**
19	72-78"	5119.53	1/24/00	ND	ND	ND	ND	ND
19	84-90"	5119.54	1/24/00	ND	ND	ND	ND	ND
19	96-102"	5119.55	1/24/00	ND	ND	ND	ND	ND
19	108-114"	5119.56	1/24/00	ND	ND	ND	ND	ND
20	0-6"	4307.19	3/1/99	ND	ND	ND	ND	ND
20	12-18"	4307.20	3/1/99	ND	ND	ND	0.009	0.009
20	24-30"	4307.21	3/1/99	ND	ND	ND	ND	ND
20	36-42"	4307.22	3/1/99	ND	ND	ND	ND	ND
20	48-54"	4307.23	3/1/99	ND	ND	0.264	ND	0.264
20	60-66"	4307.24	3/1/99	ND	ND	**0.580**	ND	**0.580**
21	0-6"	4313.02	3/2/99	ND	ND	ND	ND	ND
21	12-18"	4313.03	3/2/99	ND	ND	ND	ND	ND
21	24-30"	4313.04	3/2/99	ND	ND	ND	0.039	0.039
21	36-42"	4313.05	3/2/99	ND	ND	ND	ND	ND
21	48-54"	4313.06	3/2/99	ND	ND	ND	ND	ND
21	60-66"	4313.07	3/2/99	**21.553**	ND	ND	**0.843**	**22.396**
21	72-78"	5119.57	1/24/00	ND	ND	ND	ND	ND
21	84-90"	5119.58	1/24/00	ND	ND	ND	ND	ND
21	96-102"	5119.59	1/24/00	ND	ND	ND	ND	ND
21	108-114"	5119.60	1/24/00	ND	ND	ND	ND	ND
21A	0-6"	4903.09	11/1/99	ND	ND	ND	ND	ND
21A	12-18"	4903.10	11/1/99	ND	ND	ND	ND	ND
21A	24-30"	4903.11	11/1/99	ND	ND	ND	ND	ND
21A	36-42"	4903.12	11/1/99	ND	ND	ND	ND	ND
21A	48-54"	4903.13	11/1/99	ND	ND	ND	ND	ND
21A	60-66"	4903.14	11/1/99	ND	ND	ND	ND	ND
21A	72-78"	4903.15	11/1/99	ND	ND	ND	ND	ND
21B	0-6"	4965.02	11/24/99	ND	ND	ND	ND	ND
21B	12-18"	4965.03	11/24/99	ND	ND	ND	ND	ND
21B	24-30"	4965.04	11/24/99	ND	ND	ND	ND	ND
21B	36-42"	4965.05	11/24/99	ND	ND	ND	ND	ND
21B	48-54"	4965.06	11/24/99	ND	ND	ND	ND	ND
21B	60-66"	4965.07	11/24/99	ND	ND	ND	ND	ND
21B	72-78"	4965.08	11/24/99	ND	ND	ND	ND	ND
21B	84-90"	4965.09	11/24/99	ND	ND	ND	ND	ND
22	0-6"	4313.11	3/2/99	ND	ND	ND	ND	ND
22	12-18"	4313.12	3/2/99	ND	ND	ND	ND	ND
22	24-30"	4313.13	3/2/99	0.185	ND	ND	0.090	0.275
22	36-42"	4313.14	3/2/99	0.193	ND	ND	ND	0.193
22	48-54"	4313.15	3/2/99	0.429	ND	ND	0.086	**0.515**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Data (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
22	60-66"	4313.16	3/2/99	ND	ND	ND	0.064	0.064
23	0-6"	4313.18	3/2/99	ND	ND	ND	ND	ND
23	12-18"	4313.19	3/2/99	ND	ND	ND	ND	ND
23	24-30"	4313.20	3/2/99	ND	ND	ND	ND	ND
23	36-42"	4313.21	3/2/99	ND	ND	ND	ND	ND
23	48-54"	4313.22	3/2/99	**0.831**	ND	ND	0.083	**0.914**
23	60-66"	4313.23	3/2/99	ND	ND	ND	ND	ND
24	0-6"	4316.02	3/3/99	ND	ND	ND	ND	ND
24	12-18"	4316.03	3/3/99	ND	ND	ND	ND	ND
24	24-30"	4316.04	3/3/99	ND	ND	ND	ND	ND
24	36-42"	4316.05	3/3/99	ND	ND	ND	ND	ND
24	48-54"	4316.06	3/3/99	ND	ND	ND	ND	ND
24	60-66"	4316.07	3/3/99	ND	ND	ND	ND	ND
24A	0-6"	4903.02	11/1/99	ND	ND	ND	ND	ND
24A	12-18"	4903.03	11/1/99	ND	ND	ND	ND	ND
24A	24-30"	4903.04	11/1/99	ND	ND	ND	ND	ND
24A	36-42"	4903.05	11/1/99	ND	ND	ND	ND	ND
24A	48-54"	4903.06	11/1/99	ND	ND	ND	ND	ND
24A	60-66"	4903.07	11/1/99	ND	ND	ND	ND	ND
24A	72-78"	4903.08	11/1/99	ND	**5.364**	ND	ND	**5.364**
24A	84-90"	5119.69	1/24/00	ND	ND	ND	ND	ND
24A	96-102"	5119.70	1/24/00	ND	ND	ND	ND	ND
24A	108-114"	5119.71	1/24/00	ND	ND	ND	ND	ND
24A	120-126"	5119.72	1/24/00	ND	ND	ND	ND	ND
24A	132-138"	5119.73	1/24/00	ND	ND	ND	ND	ND
24B	0-6"	4965.11	11/24/99	ND	ND	ND	ND	ND
24B	12-18"	4965.12	11/24/99	ND	ND	ND	ND	ND
24B	24-30"	4965.13	11/24/99	ND	ND	ND	ND	ND
24B	36-42"	4965.14	11/24/99	ND	ND	ND	ND	ND
24B	48-54"	4965.15	11/24/99	ND	ND	ND	ND	ND
24B	60-66"	4965.16	11/24/99	ND	ND	ND	ND	ND
24B	72-78"	4965.17	11/24/99	ND	ND	ND	ND	ND
24B	84-90"	4965.18	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	0-6"	4965.20	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	12-18"	4965.21	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	24-30"	4965.22	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	36-42"	4965.23	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	48-54"	4965.24	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	60-66"	4965.25	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	72-78"	4965.26	11/24/99	ND	ND	ND	ND	ND
24B Field Dup	84-90"	4965.27	11/24/99	ND	ND	ND	ND	ND
24C	0-6"	5119.74	1/24/00	ND	ND	ND	ND	ND
24C	12-18"	5119.75	1/24/00	ND	ND	ND	ND	ND
24C	24-30"	5119.76	1/24/00	ND	ND	ND	ND	ND
24C	36-42"	5119.77	1/24/00	ND	**9.354**	ND	ND	**9.354**
24C	48-54"	5119.78	1/24/00	ND	**805.055**	ND	ND	**805.055**
24C	60-66"	5119.79	1/24/00	ND	**48.835**	ND	ND	**48.835**

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
24C	72-78"	5148.05	2/7/00	ND	ND	ND	ND	ND
24C	84-90"	5148.06	2/7/00	ND	ND	ND	ND	ND
24C	96-102"	5148.07	2/7/00	ND	ND	ND	ND	ND
24C	108-114"	5148.08	2/7/00	ND	ND	ND	ND	ND
24D	0-6"	5148.69	2/7/00	ND	ND	ND	ND	ND
24D	12-18"	5148.70	2/7/00	ND	ND	ND	ND	ND
24D	24-30"	5148.71	2/7/00	ND	ND	ND	ND	ND
24D	36-42"	5148.72	2/7/00	ND	ND	ND	ND	ND
24D	48-54"	5148.73	2/7/00	ND	ND	ND	ND	ND
24D	60-66"	5148.74	2/7/00	ND	ND	ND	ND	ND
24D	72-78"	5148.75	2/7/00	ND	ND	ND	ND	ND
24D	84-90"	5148.76	2/7/00	ND	ND	ND	ND	ND
24D	96-102"	5148.77	2/7/00	ND	ND	ND	ND	ND
24D	108-114"	5148.78	2/7/00	ND	ND	ND	ND	ND
24E	0-6"	5148.79	2/7/00	ND	ND	ND	ND	ND
24E	12-18"	5148.80	2/7/00	ND	ND	ND	ND	ND
24E	24-30"	5148.81	2/7/00	ND	ND	**0.596**	ND	**0.596**
24E	36-42"	5148.82	2/7/00	ND	ND	ND	ND	ND
24E	48-54"	5148.83	2/7/00	ND	ND	ND	**0.591**	**0.591**
24E	60-66"	5148.84	2/7/00	ND	ND	ND	ND	ND
24E	72-78"	5148.85	2/7/00	ND	ND	ND	ND	ND
24E	84-90"	5148.86	2/7/00	ND	ND	ND	ND	ND
24E	96-102"	5148.87	2/7/00	ND	ND	ND	ND	ND
24E	108-114"	5148.88	2/7/00	ND	ND	ND	ND	ND
24F	0-6"	5148.89	2/7/00	ND	ND	ND	ND	ND
24F	12-18"	5148.90	2/7/00	ND	ND	ND	ND	ND
24F	24-30"	5148.91	2/7/00	ND	ND	ND	ND	ND
24F	36-42"	5148.92	2/7/00	ND	ND	ND	ND	ND
24F	48-54"	5148.93	2/7/00	ND	ND	ND	ND	ND
24F	60-66"	5148.94	2/7/00	ND	ND	ND	ND	ND
24F	72-78"	5148.95	2/7/00	ND	ND	ND	ND	ND
24F	84-90"	5148.96	2/7/00	ND	ND	ND	ND	ND
24F	96-102"	5148.97	2/7/00	ND	ND	ND	**4.126**	**4.126**
24F	108-114"	5148.98	2/7/00	ND	ND	ND	**1.756**	**1.756**
24G	0-6"	5148.99	2/7/00	ND	ND	ND	ND	ND
24G	12-18"	5148.100	2/7/00	ND	ND	ND	ND	ND
24G	24-30"	5148.101	2/7/00	ND	ND	ND	ND	ND
24G	36-42"	5148.102	2/7/00	ND	ND	ND	ND	ND
24G	48-54"	5148.103	2/7/00	ND	ND	ND	ND	ND
24G	60-66"	5148.104	2/7/00	ND	ND	ND	ND	ND
24G	72-78"	5148.105	2/7/00	ND	ND	ND	ND	ND
24G	84-90"	5148.106	2/7/00	ND	ND	ND	ND	ND
24G	96-102"	5148.107	2/7/00	ND	ND	ND	ND	ND
24G	108-114"	5148.108	2/7/00	ND	ND	ND	ND	ND
24H	0-6"	5148.109	2/7/00	ND	ND	ND	ND	ND
24H	12-18"	5148.110	2/7/00	ND	ND	ND	ND	ND
24H	24-30"	5148.111	2/7/00	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
24H	36-42"	5148.112	2/7/00	ND	ND	ND	ND	ND
24H	48-54"	5148.113	2/7/00	ND	ND	ND	ND	ND
24H	60-66"	5148.114	2/7/00	ND	ND	ND	ND	ND
24H	72-78"	5148.115	2/7/00	ND	ND	ND	ND	ND
24H	84-90"	5148.116	2/7/00	ND	ND	ND	ND	ND
24H	96-102"	5148.117	2/7/00	ND	ND	ND	ND	ND
24H	108-114"	5148.118	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	72-78"	5148.119	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	84-90"	5148.120	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	96-102"	5148.121	2/7/00	ND	ND	ND	ND	ND
24H Field Dup	108-114"	5148.122	2/7/00	ND	ND	ND	ND	ND
25	0-6"	4316.09	3/3/99	ND	ND	ND	ND	ND
25	12-18"	4316.10	3/3/99	ND	ND	ND	ND	ND
25	24-30"	4316.11	3/3/99	ND	ND	ND	ND	ND
25	36-42"	4316.12	3/3/99	**0.653**	ND	ND	**0.690**	**1.343**
25	48-54"	4316.13	3/3/99	ND	ND	ND	0.039	0.039
25	60-66"	4316.14	3/3/99	ND	ND	**7.057**	ND	**7.057**
25	72-78"	5119.61	1/24/00	ND	ND	ND	ND	ND
25	84-90"	5119.62	1/24/00	ND	ND	ND	ND	ND
25	96-102"	5119.63	1/24/00	ND	ND	ND	ND	ND
25	108-114"	5119.64	1/24/00	ND	ND	ND	ND	ND
26	0-6"	4316.16	3/3/99	ND	ND	ND	0.020	0.020
26	12-18"	4316.17	3/3/99	ND	ND	ND	ND	ND
26	24-30"	4316.18	3/3/99	ND	ND	ND	ND	ND
26	36-42"	4316.19	3/3/99	0.320	ND	ND	0.383	**0.703**
26	48-54"	4316.20	3/3/99	**1.132**	ND	ND	0.026	**1.158**
26	60-66"	4316.21	3/3/99	**4.231**	ND	ND	ND	**4.231**
26	72-78"	5119.65	1/24/00	ND	ND	ND	ND	ND
26	84-90"	5119.66	1/24/00	ND	ND	ND	ND	ND
26	96-102"	5119.67	1/24/00	ND	ND	ND	ND	ND
26	108-114"	5119.68	1/24/00	ND	ND	ND	ND	ND
27	0-6"	4316.23	3/3/99	ND	ND	ND	ND	ND
27	12-18"	4316.24	3/3/99	ND	ND	ND	ND	ND
27	24-30"	4316.25	3/3/99	ND	ND	ND	ND	ND
27	36-42"	4316.26	3/3/99	ND	ND	ND	**0.707**	**0.707**
27	48-54"	4316.27	3/3/99	ND	ND	ND	ND	ND
27	60-66"	4316.28	3/3/99	ND	ND	ND	0.033	0.033
27A	0-6"	4903.23	11/1/99	ND	ND	ND	ND	ND
27A	12-18"	4903.24	11/1/99	ND	ND	ND	ND	ND
27A	24-30"	4903.25	11/1/99	ND	ND	ND	ND	ND
27A	36-42"	4903.26	11/1/99	ND	ND	ND	ND	ND
27A	48-54"	4903.27	11/1/99	ND	ND	ND	ND	ND
27A	60-66"	4903.28	11/1/99	ND	ND	ND	ND	ND
27A	72-78"	4903.29	11/1/99	ND	ND	ND	ND	ND
27B	0-6"	4963.38	11/23/99	ND	ND	ND	ND	ND
27B	12-18"	4963.39	11/23/99	ND	ND	ND	ND	ND
27B	24-30"	4963.40	11/23/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2C
PCB Geoprobe Soil Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1254	Arochlor 1260	Total PCB
Regulatory Level (mg/Kg)*				0.49	0.49	0.49	0.49	0.49
27B	36-42"	4963.41	11/23/99	ND	ND	ND	ND	ND
27B	48-54"	4963.42	11/23/99	ND	ND	ND	ND	ND
27B	60-66"	4963.43	11/23/99	ND	ND	ND	ND	ND
27B	72-78"	4963.44	11/23/99	ND	ND	ND	ND	ND
27B	84-90"	4963.45	11/23/99	ND	ND	ND	ND	ND
27A Field Dup	0-6"	4903.34	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	12-18"	4903.35	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	24-30"	4903.36	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	36-42"	4903.37	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	48-54"	4903.38	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	60-66"	4903.39	11/1/99	ND	ND	ND	ND	ND
27A Field Dup	72-78"	4903.40	11/1/99	ND	ND	ND	ND	ND
28	0-6"	4320.04	3/5/99	ND	ND	ND	ND	ND
28	12-18"	4320.05	3/5/99	ND	ND	ND	0.020	0.020
28	24-30"	4320.06	3/5/99	0.224	ND	ND	0.196	0.420
28	36-42"	4320.07	3/5/99	ND	ND	ND	ND	ND
28	48-54"	4320.08	3/5/99	**0.620**	ND	ND	0.231	**0.851**
28	60-66"	4320.09	3/5/99	**0.654**	ND	ND	0.315	**0.969**
29	0-6"	4320.10	3/5/99	ND	ND	ND	ND	ND
29	12-18"	4320.11	3/5/99	ND	ND	ND	ND	ND
29	24-30"	4320.12	3/5/99	ND	ND	ND	ND	ND
29	36-42"	4320.13	3/5/99	ND	ND	ND	ND	ND
29	48-54"	4320.14	3/5/99	ND	ND	ND	ND	ND
29	60-66"	4320.15	3/5/99	0.216	ND	ND	0.116	0.332
30	0-6"	4320.16	3/5/99	ND	ND	ND	ND	ND
30	12-18"	4320.17	3/5/99	ND	ND	ND	ND	ND
30	24-30"	4320.18	3/5/99	ND	ND	ND	0.049	0.049
30	36-42"	4320.19	3/5/99	ND	ND	ND	ND	ND
30	48-54"	4320.20	3/5/99	ND	ND	ND	ND	ND
30	60-66"	4320.21	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	0-6"	4320.22	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	12-18"	4320.23	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	24-30"	4320.24	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	36-42"	4320.25	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	48-54"	4320.26	3/5/99	ND	ND	ND	ND	ND
30 Field Dup	60-66"	4320.27	3/5/99	ND	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in milligrams per kilogram (mg/Kg), equivalent to parts per million (ppm).
* Regulatory levels are based on NJDEP's Residential Direct Contact Soil Cleanup Criteria (RDCSCC).
Exceedances of the RDCSCC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2D
PCB Geoprobe Groundwater Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1260	Total PCB
Regulatory Level (ug/L)*				0.50	0.50	0.50	0.50
1	7-10'	4281.27	2/17/99	0.33	ND	0.232	**0.562**
2	7-10'	4281.28	2/17/99	ND	ND	ND	ND
3	7-10'	4281.29	2/17/99	ND	ND	ND	ND
3A	8-11'	4897.04	10/29/99	ND	ND	ND	ND
3B	8-11'	4963.28	11/23/99	ND	ND	ND	ND
4	7-10'	4281.30	2/17/99	**0.572**	ND	ND	**0.572**
5	7-10'	4285.20	2/19/99	ND	ND	ND	ND
6	7-10'	4285.21	2/19/99	ND	ND	ND	ND
6A	8-11'	4897.06	10/29/99	ND	ND	ND	ND
6B	8-11'	4963.19	11/23/99	ND	ND	ND	ND
7	7-10'	4285.22	2/19/99	0.412	ND	ND	0.412
8	7-10'	4290.32	2/22/99	0.414	ND	ND	0.414
9	7-10'	4290.33	2/22/99	**0.508**	ND	ND	**0.508**
9A	8-11'	4897.07	10/29/99	ND	ND	ND	ND
9B	8-11'	4963.10	11/23/99	ND	**11.950**	ND	**11.950**
10	7-10'	4290.34	2/22/99	**0.686**	ND	ND	**0.686**
10A	8-11'	4897.02	10/29/99	ND	ND	ND	ND
11	7-10'	4290.35	2/22/99	ND	ND	ND	ND
11A	8-11'	4897.03	10/29/99	ND	ND	ND	ND
12	7-10'	4290.36	2/22/99	ND	ND	ND	ND
13	7-10'	4294.20	2/23/99	0.133	ND	ND	0.133
14	7-10'	4294.21	2/23/99	ND	ND	ND	ND
15	7-10'	4294.22	2/23/99	ND	ND	ND	ND
15A	8-11'	4897.05	10/29/99	ND	ND	ND	ND
15B	8-11'	4963.37	11/23/99	ND	**11.140**	ND	**11.140**
16	8-10'	4299.02	2/24/99	ND	ND	ND	ND
17	7-10'	4320.02	3/5/99	0.366	ND	ND	0.366
18	7-10'	4320.03	3/5/99	ND	ND	ND	ND
18A	7-11'	4903.32	11/1/99	ND	ND	ND	ND
18B	8-11'	4963.55	11/23/99	ND	ND	ND	ND
19	7-10'	4313.08	3/2/99	ND	ND	ND	ND
20	7-10'	4313.09	3/2/99	0.262	ND	ND	0.262
21	7-10'	4313.10	3/2/99	**2.235**	ND	0.152	**2.387**
21A	7-11'	4903.31	11/1/99	ND	ND	ND	ND
21B	8-11'	4965.10	11/24/99	ND	ND	ND	ND
22	7-10'	4313.17	3/2/99	0.260	ND	ND	0.260
23	7-10'	4313.24	3/2/99	**0.772**	ND	ND	**0.772**
24	8-10'	4316.08	3/3/99	ND	ND	ND	ND
24A	7-11'	4903.30	11/1/99	ND	ND	ND	ND
24B	8-11'	4965.19	11/24/99	ND	ND	ND	ND
25	7-10'	4316.15	3/3/99	ND	ND	ND	ND
26	7-10'	4316.22	3/3/99	ND	ND	ND	ND
27	7-10'	4316.29	3/3/99	ND	ND	ND	ND
27A	7-11'	4903.33	11/1/99	ND	ND	ND	ND
27B	8-11'	4963.46	11/23/99	ND	ND	ND	ND
Field Dup	7-11'	4903.41	11/1/99	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
* Regulatory level shown is higher of PQL and Ground Water Criteria (GWQC) as per NJAC 7:9-6.
Exceedances of the GWQC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2D
PCB Geoprobe Groundwater Investigation Results
M-2 Landfill
Ft. Monmouth, New Jersey

Boring	Depth	Lab I.D.	Sample Date	Arochlor 1016	Arochlor 1242	Arochlor 1260	Total PCB
Regulatory Level (ug/L)*				0.50	0.50	0.50	0.50
24B Field Dup	8-11'	4965.28	11/24/99	ND	ND	ND	ND
Field Blank	-	4281.02	2/17/99	ND	ND	ND	ND
Field Blank	-	4285.01	2/19/99	ND	ND	ND	ND
Field Blank	-	4290.01	2/22/99	ND	ND	ND	ND
Field Blank	-	4294.01	2/23/99	ND	ND	ND	ND
Field Blank	-	4299.01	2/24/99	ND	ND	ND	ND
Field Blank	-	4313.01	3/2/99	ND	ND	ND	ND
Field Blank	-	4316.01	3/3/99	ND	ND	ND	ND
Field Blank	-	4320.01	3/5/99	ND	ND	ND	ND
Field Blank	-	4897.01	10/29/99	ND	ND	ND	ND
Field Blank	-	4903.01	11/1/99	ND	ND	ND	ND
Field Blank	-	4963.01	11/23/99	ND	ND	ND	ND
Field Blank	-	4965.01	11/24/99	ND	ND	ND	ND

Only detected compounds are listed.
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
* Regulatory level shown is higher of PQL and Ground Water Criteria (GWQC) as per NJAC 7:9-6.
Exceedances of the GWQC are highlighted and printed in **bold-faced** type.
ND: Not Detected

Table 2E
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW01, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2502.05	2880.03	3094.05	3336.03	3504.03	3744.03	4036.01	4241.03	4551.03	4628.03	4844.04	5227.04	NJDEP GWQC (ug/L)
Sample Date	5/2/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	
Volatiles													
Acetone	ND	ND	ND	ND	ND	7.27	ND	ND	ND	ND	ND	ND	700
Methyl-tert-Butyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND	NLE
Semi-Volatiles													
2-Methylnaphthalene	3.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.18	ND	NLE
bis(2-Ethylhexyl)phthalate	1.39	ND	ND	1.89	ND	1.25	ND	ND	ND	ND	ND	ND	30
Butylbenzylphthalate	2.03	ND	ND	19.71	ND	ND	ND	ND	ND	ND	ND	ND	100
Diethylphthalate	ND	ND	ND	ND	ND	1.42	ND	ND	ND	ND	ND	ND	5000
Di-n-butylphthalate	121.97	ND	6.45	29.15	ND	ND	ND	ND	ND	ND	ND	ND	900
Naphthalene	8.94	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
Pesticides/PCBs)													
4,4'-DDE	ND	ND	ND	ND	ND	0.003	ND	ND	ND	ND	ND	ND	0.10
4,4'-DDT	ND	ND	ND	ND	ND	0.002	ND	ND	ND	ND	ND	ND	0.10
Metals													
Aluminum	**362.4**	**236.3**	**344.0**	**578**	**239**	**2480**	**402**	ND	**561**	**762**	**393**	**840**	200
Arsenic	2.0	1	ND	ND	ND	4.88	ND	ND	ND	ND	ND	ND	8
Barium	77.3	ND	63.8	53.3	57.2	83.1	67.6	76.6	45.5	56.6	50.4	70.6	2000
Beryllium	0.18	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	1.6	3.5	2.5	2.5	**6.23**	3.27	1.56	1.94	1.53	3.31	4
Calcium	13050.0	10480	12680.0	15460	10090	12600	12200	18100	13400	12900	11400	21400	NLE
Chromium	0.6	26	2.5	1.7	ND	7.10	1.40	4.76	2.34	4.90	3.24	3.53	100
Cobalt	ND	ND	5.4	4.9	2.1	3.81	5.25	5.42	5.06	5.03	5.26	6.48	NLE
Copper	21.0	ND	13.0	11	ND	ND	ND	ND	ND	10.2	8.99	ND	1000
Iron	100.0	**400**	**488.0**	**500**	233	**7790**	**1480**	**1390**	**698**	**2420**	**3170**	**1160**	300
Lead	ND	ND	**11.0**	ND	ND	ND	6.95	ND	ND	ND	4.10	ND	10
Magnesium	4270.0	128	4670.0	3710	1739	4100	4330	4510	4230	3780	3890	6560	NLE
Manganese	**154.0**	**4940**	**77.7**	**120**	**73.1**	**83.6**	**84.1**	**133**	**84.3**	**94.4**	**83.5**	**137**	50
Mercury	ND	ND	ND	ND	ND	ND	ND	0.25	ND	ND	0.2	ND	2
Nickel	ND	ND	16.9	17.9	9.7	16.2	20.9	23.1	19.4	19.1	20.0	22.5	100
Potassium	7090.0	5170	5020.0	5520	5217	8610	5490	6280	5980	5820	6200	5500	NLE
Silver	17.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	7500.0	10540	9040.0	9290	6370	10500	11000	15500	12800	12800	11400	13900	50000
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.07	10
Vanadium	ND	ND	ND	ND	ND	9.03	1.22	1.28	ND	1.85	ND	3.13	NLE
Zinc	2823.0	1027	646.0	1917	785	640	1410	2150	941	1310	836	2030	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW02, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2513.03	2880.01	3094.03	3336.04	3504.04	3744.04	4036.04	4241.04	4551.04	4628.04	4844.05	5227.05	NJDEP GWQC (ug/L)
Sample Date	5/8/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	
Volatiles													
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	1.35	ND	ND	ND	1.22	ND	ND	600
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	1.65	1.37	ND	ND	1.26	ND	1.98	600
1,4-Dichlorobenzene	ND	ND	ND	ND	3.31	4.02	3.01	2.27	ND	3.46	1.96	4.87	74
Acetone	ND	ND	ND	ND	ND	8.77	ND	ND	ND	ND	ND	ND	700
Benzene	ND	**1.36**	ND	ND	**3.12**	**6.44**	**2.73**	**5.84**	**4.70**	**4.39**	**1.88**	**5.86**	1
Carbon Disulfide	1.30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
Chlorobenzene	**17.99**	**18.56**	**10.88**	**7.39**	**24.07**	**36.51**	**44.00**	**37.30**	**22.30**	**23.13**	**37.17**	**69.55**	4
tert-Butyl alcohol	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	35.15	ND	NLE
Semi-Volatiles													
1,3-Dichlorobenzene	ND	1.06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	600
1,4-Dichlorobenzene	ND	4.79	ND	ND	2.29	2.86	ND	2.87	2.78	1.43	1.74	2.83	75
2-Methylnaphthalene	ND	1.84	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NLE
4-Methylphenol	ND	ND	ND	ND	ND	ND	ND	3.53	ND	ND	ND	ND	NLE
bis(2-Ethylhexyl)phthalate	ND	1.36	ND	16.97	ND	ND	ND	ND	ND	ND	ND	2.88	30
Butylbenzylphthalate	ND	ND	ND	10.93	ND	ND	ND	ND	ND	ND	ND	ND	100
Di-n-butylphthalate	1.54	ND	3.75	29.04	ND	ND	ND	ND	ND	ND	ND	ND	900
n-Nitrosodiphenylamine	ND	1.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Pesticides/PCBs													
not detected													
Metals													
Aluminum	49.1	51.7	107.0	129	108	44.7	48.2	ND	ND	29.4	ND	75.5	200
Antimony	ND	ND	ND	ND	ND	ND	2.76	ND	ND	ND	ND	2.84	20
Arsenic	2.0	3	ND	ND	2.8	2.35	ND	ND	ND	ND	ND	ND	8
Barium	270.4	580	120.0	171	354	264	229	273	258	226	214	341	2000
Beryllium	0.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	ND	ND	1.1	ND	0.913	ND	0.968	0.737	1.66	ND	4
Calcium	70240.0	110100	62570.0	66770	75020	88600	68300	81300	101000	80600	75500	88500	NLE
Chromium	0.4	30	1.7	1.2	ND	ND	4.53	5.65	2.32	3.10	3.22	4.29	100
Cobalt	ND	ND	1.2	ND	ND	0.769	ND	0.652	1.21	0.680	0.630	0.633	NLE
Copper	8.0	ND	8.0	8.0	ND	ND	24.7	6.01	ND	4.68	4.82	ND	1000
Iron	**35180.0**	**82680**	**16230.0**	**22520**	**76160**	**26800**	**33700**	**50800**	**17000**	**13200**	**31400**	**46200**	300
Lead	0.7	1.3	7.0	ND	ND	ND	ND	ND	ND	3.61	ND	2.39	10
Magnesium	7400.0	11760	5470.0	5930	7788	8540	6650	9400	9140	7260	6800	10600	NLE
Manganese	**265.0**	**474**	**145.4**	**157**	**282**	**290**	**262**	**456**	**254**	**196**	**249**	**445**	50
Mercury	ND	0.6	ND	ND	ND	ND	ND	0.26	0.17	ND	0.3	ND	2
Nickel	ND	ND	1.8	3.9	2.1	2.06	2.47	2.25	ND	2.27	2.42	1.24	100
Potassium	7230.0	11210	6930.0	ND	24570	42900	10300	22200	29000	22900	11000	13600	NLE
Selenium	1.0	3	ND	ND	ND	ND	4.14	5.93	3.44	3.95	4.95	6.06	50
Silver	**41.0****	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	8840.0	11310	7820.0	7130	11880	12600	9910	17700	15500	13600	9500	8660	50000
Vanadium	ND	ND	ND	ND	2.5	1.62	1.31	2.13	1.64	1.29	1.23	2.55	NLE
Zinc	16.0	4	63.0	38	7.6	32.4	5.83	22.9	ND	28.4	14.1	44.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
** Calibration Blank result greater than GW criteria limit

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW03, Landfill M-2
May 1997 - March 2000

Lab Sample ID	2502.06	2880.02	3094.04	3336.05	3504.05	3744.05	4036.02	4241.05	4551.05	4628.05	4844.06	5227.06	NJDEP
Sample Date	5/2/97	8/6/97	10/23/97	2/11/98	4/23/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles													
1,4-Dichlorobenzene	ND	ND	ND	5.36	9.32	ND	2.38	ND	ND	ND	1.30	ND	74
Benzene	ND	ND	**1.31**	**3.78**	**4.26**	ND	**1.78**	ND	ND	ND	**1.59**	ND	1
Chlorobenzene	**4.69**	1.49	**17.75**	**78.82**	**107.81**	**10.51**	**11.90**	**7.14**	**4.29**	3.68	**11.20**	3.42	4
Semi-Volatiles													
1,4-Dichlorobenzene	ND	ND	ND	2.60	5.13	ND	ND	ND	ND	ND	ND	ND	75
4-Nitrophenol	ND	ND	ND	ND	2.71	ND	ND	ND	ND	ND	ND	ND	NLE
Acenaphthene	ND	ND	ND	7.36	13.76	ND	ND	1.91	ND	ND	ND	ND	400
Anthracene	ND	ND	ND	1.27	ND	ND	ND	ND	ND	ND	ND	ND	2000
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	2.44	ND	ND	ND	ND	ND	ND	ND	30
Butylbenzylphthalate	ND	ND	ND	9.78	ND	ND	ND	ND	ND	ND	ND	ND	100
Dibenzofuran	ND	ND	ND	2.27	4.90	ND	ND	ND	ND	ND	ND	ND	NLE
Di-n-butylphthalate	5.99	2.20	4.03	39.74	ND	ND	ND	ND	ND	ND	ND	ND	900
Fluorene	ND	ND	ND	2.46	4.79	ND	ND	ND	ND	ND	ND	ND	300
Naphthalene	0.77	ND	ND	1.76	3.12	ND	ND	ND	ND	ND	ND	ND	NLE
Phenanthrene	ND	ND	ND	1.26	1.91	ND	ND	ND	ND	ND	ND	ND	NLE
Pesticides/PCBs													
gamma-BHC	ND	ND	ND	ND	ND	ND	ND	0.020	ND	ND	ND	ND	0.20
Metals													
Aluminum	61.9	26.1	145.0	256	58	28.5	66.3	531	25.0	18.6	12.4	47.6	200
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.47	ND	ND	20
Arsenic	3.0	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8
Barium	90.6	90	47.4	317	566	86.4	114	141	84.5	88.1	116	75.3	2000
Beryllium	0.11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	ND	ND	ND	ND	ND	2.83	0.845	0.928	1.08	ND	4
Calcium	59650.0	63130	64240.0	154300	145200	72700	111000	86500	69300	66300	79400	71900	NLE
Chromium	0.6	30	1.5	ND	ND	ND	4.40	8.05	2.00	3.74	4.37	2.93	100
Cobalt	ND	ND	ND	ND	ND	ND	ND	1.88	0.593	ND	ND	0.567	NLE
Copper	46.0	ND	25.0	13	ND	ND	ND	10.5	ND	ND	10.3	ND	1000
Iron	**12230.0**	**9300**	**10010.0**	**39970**	**69260**	**14500**	**13700**	**16500**	**13500**	**16600**	**13000**	**11400**	300
Lead	1.1	ND	**13.0**	ND	2.8	ND	2.83	5.02	ND	5.31	ND	5.83	10
Magnesium	5360.0	511	4780.0	11200	9303	5010	12000	8750	5800	5250	7160	5570	NLE
Manganese	**503.0**	**5890**	**426.8**	**513**	**516**	**395**	**586**	**407**	**412**	**464**	**475**	**495**	50
Mercury	ND	ND	ND	ND	ND	ND	ND	0.32	0.25	ND	0.2	ND	2
Nickel	ND	ND	1.7	6.0	ND	0.566	2.88	50.9	ND	1.20	3.41	3.11	100
Potassium	8680.0	8920	9120.0	18580	17930	11900	22100	13900	11400	9980	14100	8230	NLE
Selenium	ND	ND	ND	ND	ND	3.95	6.65	ND	ND	ND	5.57	ND	50
Silver	**36.0****	**9170**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20
Sodium	21060.0	ND	10300.0	18180	11200	11600	28600	15800	10200	9860	13500	6860	50000
Vanadium	1.4	ND	ND	ND	1.2	ND	1.25	4.04	1.94	1.70	2.18	1.57	NLE
Zinc	31.0	ND	71.0	48	ND	31.1	11.0	433	54.8	64.4	31.8	25.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
** Calibration Blank result greater than GW criteria limit

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW04, Landfill M-2
February 1998 - March 2000

Lab Sample ID	3336.06	3509.03	3744.06	4036.03	4241.06	4551.06	4628.06	4844.07	5227.07	NJDEP
Sample Date	2/11/98	4/27/98	7/22/98	11/6/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles										
Benzene	ND	ND	ND	ND	ND	ND	ND	**1.23**	ND	1
Chlorobenzene	2.41	ND	1.29	ND	ND	ND	2.75	**5.96**	2.38	4
Semi-Volatiles										
Benzo[g,h,I]perylene	ND	1.70	ND	ND	ND	ND	ND	ND	ND	NLE
Butylbenzylphthalate	4.59	ND	ND	ND	ND	ND	ND	ND	ND	100
Dibenz[a,h]anthracene	ND	1.03	ND	ND	ND	ND	ND	ND	ND	20
Di-n-butylphthalate	28.88	ND	ND	ND	ND	ND	ND	ND	ND	900
Indeno[1,2,3-cd]pyrene	ND	1.16	ND	ND	ND	ND	ND	ND	ND	20
Naphthalene	ND	ND	ND	ND	ND	1.27	ND	ND	ND	NLE
Pesticides/PCBs										
not detected										
Metals										
Aluminum	**514**	ND	**302**	**209**	20.3	57.6	52.3	73.6	57.8	200
Arsenic	ND	3.6	ND	ND	ND	ND	ND	ND	ND	8
Barium	177	111	131	132	132	155	180	227	195	2000
Cadmium	ND	ND	ND	1.47	1.38	0.873	2.32	1.87	ND	4
Calcium	5250	33070	33700	36300	45600	34000	40200	52200	34700	NLE
Chromium	1.7	ND	ND	3.78	9.31	1.52	3.07	5.86	2.80	100
Cobalt	ND	ND	ND	ND	ND	0.562	ND	ND	ND	NLE
Copper	9.0	ND	ND	ND	24.9	ND	66.3	47.9	ND	1000
Iron	**30140**	**17800**	**26300**	**23900**	**33300**	**31300**	**32600**	**43000**	**33700**	300
Lead	ND	ND	ND	3.27	ND	ND	**16.1**	2.97	9.26	10
Magnesium	6840	5041	3780	5230	4220	3770	4790	6160	3710	NLE
Manganese	**534**	**757**	**401**	**180**	**2010**	**311**	**670**	**1160**	**312**	50
Mercury	ND	ND	ND	0.2	0.41	ND	ND	0.2	ND	2
Nickel	4.5	3.5	1.81	4.16	4.41	ND	7.86	4.21	1.71	100
Potassium	7700	7929	7670	7470	7140	6950	7270	8250	6010	NLE
Selenium	ND	ND	ND	ND	3.73	ND	ND	3.94	ND	50
Sodium	7540	8592	8500	8050	9840	8040	8330	8710	5260	50000
Vanadium	ND	ND	1.71	1.61	ND	1.59	1.13	1.47	1.55	NLE
Zinc	39	38.9	41.6	51.3	68.4	18.8	114	41.2	18.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW05, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.03	4022.08	4241.07	4551.07	4628.07	4844.08	5227.08	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
Acetone	ND	5.49	ND	ND	ND	ND	ND	700
2-Butanone	9.29	3.19	ND	ND	ND	ND	ND	300
Semi-Volatiles								
bis(2-Ethylhexyl)phthalate	ND	ND	**40.90**	ND	ND	ND	ND	30
Di-n-octylphthalate	ND	ND	1.58	ND	ND	ND	ND	100
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1080**	**4860**	**633**	**2040**	**1360**	**1590**	**370**	200
Antimony	4.37	14.3	ND	ND	ND	ND	ND	20
Arsenic	ND	**8.63**	3.20	6.18	3.39	ND	2.80	8
Barium	35.8	65.4	171	419	243	115	309	2000
Beryllium	ND	0.583	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	2.05	1.88	1.81	2.10	ND	4
Calcium	14300	15200	13800	16100	14900	15000	15600	NLE
Chromium	15.1	65.6	7.66	19.2	12.4	18.9	5.93	100
Cobalt	1.29	4.08	ND	2.26	2.31	1.23	ND	NLE
Copper	21.6	3.43	34.2	ND	ND	10.7	ND	1000
Iron	**15800**	**29900**	**35300**	**72000**	**45800**	**28300**	**74400**	300
Lead	4.09	**15.3**	4.62	7.58	4.71	4.59	5.24	10
Magnesium	2660	4270	1970	2780	2570	2760	2460	NLE
Manganese	34.2	45.5	48.2	41.5	38.1	36.5	43.2	50
Mercury	ND	0.30	0.43	ND	ND	0.3	ND	2
Nickel	6.31	13.7	3.30	1.72	2.59	5.44	2.61	100
Potassium	6550	10200	4630	6720	5910	6510	4450	NLE
Sodium	5070	4830	6910	5340	5050	4970	3290	50000
Vanadium	5.71	29.7	3.32	13.9	7.10	9.33	3.03	NLE
Zinc	16.4	53.5	43.4	32.7	22.0	31.7	26.7	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW06, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.04	4022.07	4241.08	4551.08	4628.08	4844.09	5227.09	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	8.86	4.65	ND	ND	ND	ND	ND	300
Acetone	ND	7.45	ND	ND	ND	ND	ND	700
Chlorobenzene	1.36	ND	ND	ND	ND	ND	ND	4
Semi-Volatiles								
not detected								
Pesticides/PCBs								
Arochlor 1016	**0.865**	**2.260**	**0.611**	ND	ND	ND	ND	0.50
Arochlor 1260	ND	ND	ND	ND	**0.581**	ND	ND	0.50
gamma-BHC	ND	ND	0.058	ND	ND	ND	ND	0.20
Metals								
Aluminum	**1240**	**10300**	**1330**	**749**	**992**	**616**	**753**	200
Antimony	ND	3.76	ND	ND	ND	ND	**566**	20
Arsenic	ND	**16.5**	ND	ND	ND	ND	5.60	8
Barium	102	175	185	175	128	90.3	189	2000
Beryllium	ND	1.52	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	0.969	0.941	0.948	2.17	3.28	4
Calcium	48700	49100	54000	40300	39300	40800	41600	NLE
Chromium	13.1	**105**	14.8	6.40	9.23	7.44	**16000**	100
Cobalt	0.854	5.41	0.688	0.944	0.771	0.579	29.3	NLE
Copper	16.3	55.1	13.2	ND	5.22	10.9	9.64	1000
Iron	**16500**	**43500**	**50700**	**38100**	**36700**	**26100**	**45000**	300
Lead	**22.4**	**90.5**	**13.6**	6.26	9.72	6.95	ND	10
Magnesium	4970	8030	5620	4710	4830	4810	14100	NLE
Manganese	**72.5**	**92.7**	**138**	**55.0**	**59.6**	**52.4**	**247**	50
Mercury	ND	0.47	0.46	0.21	ND	0.3	ND	2
Nickel	3.62	18.9	5.53	ND	2.31	3.32	ND	100
Potassium	7660	15100	7000	6470	6380	6430	5490	NLE
Silver	ND	ND	3.83	ND	ND	ND	ND	20
Sodium	6970	8090	8620	7190	7200	6990	4540	50000
Thallium	ND	ND	ND	ND	ND	ND	6.70	10
Vanadium	6.97	46.6	6.40	4.62	4.71	3.53	35.8	NLE
Zinc	83.5	392	100	33.6	51.7	47.0	11.3	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW07, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.05	4022.06	4241.09	4551.09	4628.09	4844.10	5227.10	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	11.29	5.45	ND	ND	11.10	ND	ND	300
Acetone	ND	6.63	ND	ND	ND	ND	ND	700
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1480**	**3870**	**433**	**780**	**1150**	**1680**	**248**	200
Antimony	ND	2.69	ND	ND	2.63	ND	ND	20
Arsenic	ND	6.24	5.13	2.95	ND	ND	ND	8
Barium	96.6	107	103	209	89.7	119	339	2000
Beryllium	0.811	1.05	ND	ND	ND	ND	ND	20
Cadmium	ND	2.36	1.94	1.96	1.29	1.67	ND	4
Calcium	51700	51000	48300	51200	49700	52600	56600	NLE
Chromium	16.1	48.8	4.25	5.82	6.68	9.55	ND	100
Cobalt	3.18	4.10	ND	1.17	ND	0.991	ND	NLE
Copper	8.25	24.3	ND	ND	ND	8.27	ND	1000
Iron	**14800**	**23800**	**41800**	**71900**	**19800**	**35100**	**118000**	300
Lead	**13.0**	**16.4**	3.41	ND	4.93	4.53	ND	10
Magnesium	6010	6450	5240	5660	5740	5900	5760	NLE
Manganese	**94.8**	**82.2**	**79.6**	**80.3**	**70.1**	**81.7**	**156**	50
Mercury	0.1	0.24	0.34	ND	ND	0.4	ND	2
Nickel	8.01	12.0	2.46	ND	0.999	4.09	6.52	100
Potassium	7310	8570	5260	5890	5480	6050	4560	NLE
Selenium	ND	ND	3.34	ND	ND	ND	ND	50
Sodium	13500	8650	9530	8800	9750	18700	5780	50000
Vanadium	12.9	23.3	2.11	6.35	2.79	5.70	2.63	NLE
Zinc	93.8	144	70.1	28.0	28.0	74.1	26.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW08, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.06	4022.05	4241.10	4551.10	4628.10	4844.11	5227.11	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	86.82	28.18	ND	ND	ND	ND	ND	300
Acetone	17.89	11.27	ND	ND	ND	ND	ND	700
Benzene	**7.46**	**5.88**	**5.56**	**4.13**	**2.66**	ND	ND	1
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**1490**	**8250**	**1350**	**3630**	**1560**	**935**	**616**	200
Antimony	2.78	5.31	ND	ND	ND	ND	ND	20
Arsenic	ND	7.03	ND	2.86	ND	ND	ND	8
Barium	72.6	87.2	136	562	120	98.5	197	2000
Beryllium	ND	1.14	ND	ND	ND	ND	ND	20
Cadmium	ND	ND	1.16	**4.14**	0.925	1.46	ND	4
Calcium	40000	42700	39400	44800	39700	41500	39500	NLE
Chromium	54.8	111	11.5	28.8	16.5	8.57	ND	100
Cobalt	1.72	2.75	ND	ND	ND	ND	ND	NLE
Copper	ND	6.50	9.24	ND	ND	3.64	ND	1000
Iron	**18400**	**46100**	**76500**	**142000**	**37200**	**32500**	**73100**	300
Lead	**11.0**	**45.0**	5.57	**13.5**	**10.6**	6.65	3.37	10
Magnesium	5200	8600	4460	5910	5220	5090	4750	NLE
Manganese	**55.1**	**69.9**	**61.7**	**74.6**	**56.5**	**55.5**	**56.5**	50
Mercury	ND	0.18	0.36	ND	ND	0.3	ND	2
Nickel	5.21	10.5	3.71	ND	2.13	4.70	2.50	100
Potassium	9010	19100	7260	10300	8020	7760	6100	NLE
Sodium	7560	8240	8690	7820	7890	8040	4770	50000
Vanadium	24.0	41.5	4.10	17.9	6.62	3.44	4.57	NLE
Zinc	32.5	95.3	96.4	34.5	28.6	32.9	21.7	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW09, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.07	4022.04	4241.11	4551.11	4628.11	4844.12	5227.12	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	5.47	3.19	ND	ND	ND	ND	ND	300
Acetone	6.30	6.22	ND	ND	ND	ND	ND	700
Benzene	**538.24 D**	**205.68 D**	**236.20 D**	**23.39**	**14.32**	**3.91**	**2.21**	1
Chlorobenzene	ND	ND	1.99	ND	ND	ND	ND	4
Semi-Volatiles								
Phenol	ND	ND	4.47	ND	ND	ND	ND	4000
Pesticides/PCBs								
4,4'-DDD	ND	ND	ND	0.007	0.046	ND	ND	0.10
4,4'-DDE	ND	ND	ND	ND	ND	0.033	ND	0.10
Arochlor 1016	**0.700**	0.260	0.244	ND	ND	ND	ND	0.50
Arochlor 1254	**3.850**	**1.470**	**1.187**	ND	**1.456**	ND	ND	0.50
Metals								
Aluminum	**455**	**7880**	**3250**	**32300**	**5850**	**5000**	**2850**	200
Antimony	ND	4.08	ND	ND	ND	ND	ND	20
Arsenic	ND	**13.3**	4.20	**22.1**	3.90	5.86	ND	8
Barium	87.0	146	178	279	104	131	77.5	2000
Beryllium	ND	1.45	0.704	4.47	0.787	1.16	ND	20
Cadmium	ND	0.987	**4.49**	**15.2**	2.93	**5.64**	1.65	4
Calcium	68200	56200	99300	57900	50700	53600	46000	NLE
Chromium	7.97	**116**	39.6	**309**	69.1	62.2	36.8	100
Cobalt	ND	5.03	2.09	16.8	3.54	4.99	1.94	NLE
Copper	ND	24.0	193	126	19.1	39.3	13.2	1000
Iron	**10400**	**36100**	**30900**	**99300**	**24900**	**27500**	**15200**	300
Lead	7.00	**41.6**	**13.1**	**95.9**	**20.5**	**29.3**	**11.2**	10
Magnesium	5650	7540	7820	14100	6210	5590	5260	NLE
Manganese	**1920**	**1560**	**4260**	**1430**	**1200**	**1460**	**1310**	50
Mercury	0.3	0.76	0.71	**3.46**	0.5	1.2	ND	2
Nickel	1.10	14.2	9.70	46.8	10.2	16.7	7.50	100
Potassium	8290	16000	10600	31600	10100	8730	6860	NLE
Selenium	ND	ND	4.10	6.57	ND	ND	ND	50
Silver	ND	ND	ND	4.90	ND	ND	ND	20
Sodium	7600	7580	10500	7280	7300	7230	4560	50000
Vanadium	3.29	46.9	9.55	145	27.2	26.8	20.6	NLE
Zinc	105	565	474	2300	406	679	263	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.
D = Value from dilution

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW10, Landfill M-2
October 1998 - March 2000

Lab Sample ID	3983.08	4022.03	4241.12	4551.12	4628.12	4844.13	5227.13	NJDEP
Sample Date	10/19/98	11/2/98	2/3/99	6/15/99	7/20/99	10/7/99	3/7/00	GWQC (ug/L)
Volatiles								
2-Butanone	9.93	2.85	ND	12.64	ND	ND	ND	300
Acetone	9.04	5.21	ND	ND	ND	ND	ND	700
Semi-Volatiles								
not detected								
Pesticides/PCBs								
not detected								
Metals								
Aluminum	**486**	**3670**	**638**	**5610**	**1010**	98.4	**442**	200
Antimony	ND	4.19	ND	ND	ND	2.41	ND	20
Arsenic	ND	3.08	ND	5.29	ND	ND	ND	8
Barium	23.1	58.6	168	404	79.2	65.9	504	2000
Beryllium	ND	0.748	ND	0.777	ND	ND	ND	20
Cadmium	ND	ND	0.845	2.03	1.02	1.10	ND	4
Calcium	24600	45300	44100	53400	43600	44000	50000	NLE
Chromium	5.72	49.9	6.28	47.3	12.8	2.32	6.30	100
Cobalt	0.680	1.98	ND	3.18	0.576	ND	ND	NLE
Copper	ND	ND	42.7	ND	4.00	4.47	ND	1000
Iron	**4280**	**20600**	**24300**	**65600**	**10700**	**6390**	**46200**	300
Lead	2.94	4.47	ND	7.75	8.20	ND	ND	10
Magnesium	1750	4300	2600	4430	3260	2960	3220	NLE
Manganese	22.5	47.4	**68.6**	**79.2**	**63.1**	37.7	**104**	50
Mercury	ND	ND	0.22	ND	ND	0.3	ND	2
Nickel	1.26	4.86	1.17	1.43	1.44	2.16	1.58	100
Potassium	3290	9530	5120	8860	5670	5350	4940	NLE
Sodium	3870	7600	8080	7800	7540	7310	4850	50000
Vanadium	3.25	24.7	2.09	30.8	5.65	1.25	4.69	NLE
Zinc	20.1	38.4	31.2	41.9	40.5	18.2	25.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW11, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5446.04 5/31/00	5475.04 6/14/00	NJDEP GWQC (ug/L)
Volatiles			
Benzene	**98.01**	ND	1
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	68.3	80.9	200
Antimony	ND	3.56	20
Barium	38.1	35.0	2000
Calcium	39800	40500	NLE
Chromium	ND	6.06	100
Copper	5.90	400	1000
Iron	**397**	**306**	300
Lead	ND	**84.5**	10
Magnesium	3910	3900	NLE
Manganese	24.6	24.7	50
Nickel	0.745	18.4	100
Potassium	6060	5850	NLE
Selenium	ND	3.45	50
Sodium	3870	3720	50000
Vanadium	1.52	ND	NLE
Zinc	5.80	551	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW12, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.03	5475.03	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	1.81	3.04	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	100	136	200
Antimony	ND	3.80	20
Barium	35.1	40.8	2000
Calcium	34900	35400	NLE
Chromium	0.901	3.38	100
Copper	7.85	51.0	1000
Iron	**792**	**1410**	300
Lead	ND	4.84	10
Magnesium	3790	3750	NLE
Manganese	28.1	33.7	50
Nickel	ND	7.20	100
Potassium	6060	5720	NLE
Sodium	3500	3200	50000
Vanadium	1.49	ND	NLE
Zinc	37.1	89.3	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW13, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.05	5471.05	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	4.86	ND	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	83.1	71.6	200
Barium	54.2	53.6	2000
Calcium	19200	19500	NLE
Chromium	0.679	2.77	100
Cobalt	0.753	ND	NLE
Copper	ND	5.77	1000
Iron	**13200**	**11400**	300
Lead	ND	2.72	10
Magnesium	2150	2090	NLE
Manganese	**101**	**90.4**	50
Nickel	ND	2.49	100
Potassium	5680	5680	NLE
Sodium	13200	11500	50000
Vanadium	1.35	ND	NLE
Zinc	1.46	16.9	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW14, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.04 5/30/00	5471.04 6/13/00	NJDEP GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
2-Methylnaphthalene	ND	1.36	NLE
Acenaphthene	ND	1.19	400
Naphthalene	1.59	3.46	NLE
Pesticides/PCBs			
not detected			
Metals			
Aluminum	165	**206**	200
Barium	34.3	34.0	2000
Calcium	14600	15400	NLE
Chromium	3.54	5.69	100
Iron	**36000**	**38900**	300
Magnesium	5590	6110	NLE
Manganese	**284**	**329**	50
Mercury	ND	0.2	2
Nickel	0.644	3.60	100
Potassium	1400	1520	NLE
Sodium	16000	15900	50000
Vanadium	3.14	3.08	NLE
Zinc	3.73	20.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW15, Landfill M-2
May 2000 - June 2000

Lab Sample ID Sample Date	5440.07 5/30/00	5471.07 6/13/00	NJDEP GWQC (ug/L)
Volatiles)			
Toluene	1.47	2.14	1000
Semi-Volatiles			
2-Methylnaphthalene	18.22	17.34	NLE
4-Methylphenol	3.40	3.90	NLE
Acenaphthene	23.81	23.50	400
Anthracene	1.47	1.70	2000
Benzoic Acid	4.59	2.09	NLE
Dibenzofuran	17.50	17.74	NLE
Fluoranthene	1.79	1.81	300
Fluorene	16.63	16.33	300
Naphthalene	51.43	49.72	NLE
Phenanthrene	9.97	10.68	NLE
Phenol	ND	2.51	4000
Pesticides/PCBs			
not detected			
Metals			
Aluminum	184	**217**	200
Arsenic	ND	4.96	8
Barium	58.1	67.0	2000
Cadmium	0.677	ND	4
Calcium	27500	32800	NLE
Chromium	1.65	4.76	100
Cobalt	3.08	1.45	NLE
Copper	59.2	150	1000
Iron	**4390**	**4950**	300
Lead	**14.0**	**41.5**	10
Magnesium	4060	4480	NLE
Manganese	**85.2**	**79.1**	50
Nickel	10.1	12.5	100
Potassium	7940	8000	NLE
Sodium	16500	18400	50000
Vanadium	5.10	7.47	NLE
Zinc	141	274	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW16, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.10	5471.11	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
bis(2-Ethylhexyl)phthalate	ND	1.74	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	38.1	ND	200
Barium	89.9	97.4	2000
Cadmium	1.40	ND	4
Calcium	20600	20400	NLE
Chromium	ND	2.03	100
Cobalt	1.21	0.578	NLE
Copper	22.5	ND	1000
Iron	**7660**	**13700**	300
Magnesium	3320	3060	NLE
Manganese	**280**	**247**	50
Nickel	11.2	8.23	100
Potassium	1250	1210	NLE
Sodium	11200	11800	50000
Zinc	384	109	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW17, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.12	5471.12	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**613**	**515**	200
Barium	ND	133	2000
Calcium	14600	17900	NLE
Chromium	1.67	3.60	100
Cobalt	2.52	2.86	NLE
Copper	5.50	ND	1000
Iron	**767**	**325**	300
Magnesium	5160	6340	NLE
Manganese	31.3	35.8	50
Nickel	4.97	7.78	100
Potassium	2480	2760	NLE
Sodium	9580	10400	50000
Vanadium	1.23	ND	NLE
Zinc	27.7	27.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW18, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.13	5471.09	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	171	23.1	200
Barium	59.0	59.3	2000
Calcium	25900	27200	NLE
Chromium	1.27	2.74	100
Iron	**13300**	**11000**	300
Magnesium	4270	4290	NLE
Manganese	**140**	**137**	50
Nickel	0.627	2.42	100
Potassium	7000	6870	NLE
Sodium	5970	5740	50000
Vanadium	1.41	ND	NLE
Zinc	33.8	22.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW19, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.05	5475.05	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**555**	161	200
Antimony	ND	3.54	20
Barium	44.8	38.2	2000
Calcium	43100	43300	NLE
Chromium	3.16	2.50	100
Copper	3.36	16.0	1000
Iron	**1860**	**830**	300
Magnesium	3250	3110	NLE
Manganese	**74.4**	**66.7**	50
Mercury	ND	0.1	2
Nickel	ND	5.83	100
Potassium	6220	5700	NLE
Selenium	ND	4.38	50
Sodium	4710	4330	50000
Vanadium	4.17	ND	NLE
Zinc	ND	4.19	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW20, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5446.06	5475.06	NJDEP
Sample Date	5/31/00	6/14/00	GWQC (ug/L)
Volatiles			
not detected			
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	**444**	46.9	200
Antimony	ND	3.33	20
Barium	41.7	37.1	2000
Calcium	43000	43100	NLE
Chromium	2.62	1.85	100
Copper	4.47	16.7	1000
Iron	**2040**	**437**	300
Magnesium	3180	2750	NLE
Manganese	47.9	35.4	50
Nickel	ND	5.58	100
Potassium	7650	9280	NLE
Sodium	9570	11100	50000
Vanadium	3.24	ND	NLE
Zinc	2.21	5.94	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW21, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.08	5471.13	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
1,2-Dichlorobenzene	1.38	ND	600
1,3-Dichlorobenzene	3.77	2.87	600
1,4-Dichlorobenzene	8.39	6.24	75
Benzene	**2.60**	**3.46**	1
Chlorobenzene	**43.73**	**49.92**	4
Semi-Volatiles			
1,3-Dichlorobenzene	2.37	2.06	600
1,4-Dichlorobenzene	5.29	4.13	75
2-Methylnaphthalene	4.02	3.34	NLE
bis(2-Ethylhexyl)phthalate	7.78	7.55	30
Pesticides/PCBs			
not detected			
Metals			
Aluminum	129	166	200
Barium	592	621	2000
Calcium	91500	94600	NLE
Chromium	6.12	6.35	100
Cobalt	1.69	0.641	NLE
Copper	47.4	ND	1000
Iron	**57700**	**63600**	300
Lead	**12.9**	**10.1**	10
Magnesium	7210	7290	NLE
Manganese	**680**	**643**	50
Nickel	2.73	3.37	100
Potassium	4380	4500	NLE
Selenium	ND	3.91	50
Sodium	16100	15700	50000
Vanadium	2.18	2.48	NLE
Zinc	66.5	21.1	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW22, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.11	5471.10	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
tert-Butyl alcohol	373.98	462.08	NLE
Semi-Volatiles			
not detected			
Pesticides/PCBs			
not detected			
Metals			
Aluminum	20.8	ND	200
Barium	72.0	72.2	2000
Calcium	38800	38700	NLE
Chromium	1.11	3.28	100
Copper	ND	22.8	1000
Iron	**36100**	**33500**	300
Magnesium	5970	5780	NLE
Manganese	**267**	**295**	50
Nickel	1.11	3.39	100
Potassium	7730	7550	NLE
Sodium	13100	11900	50000
Vanadium	1.26	ND	NLE
Zinc	119	89.6	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW23, Landfill M-2
May 2000 - June 2000

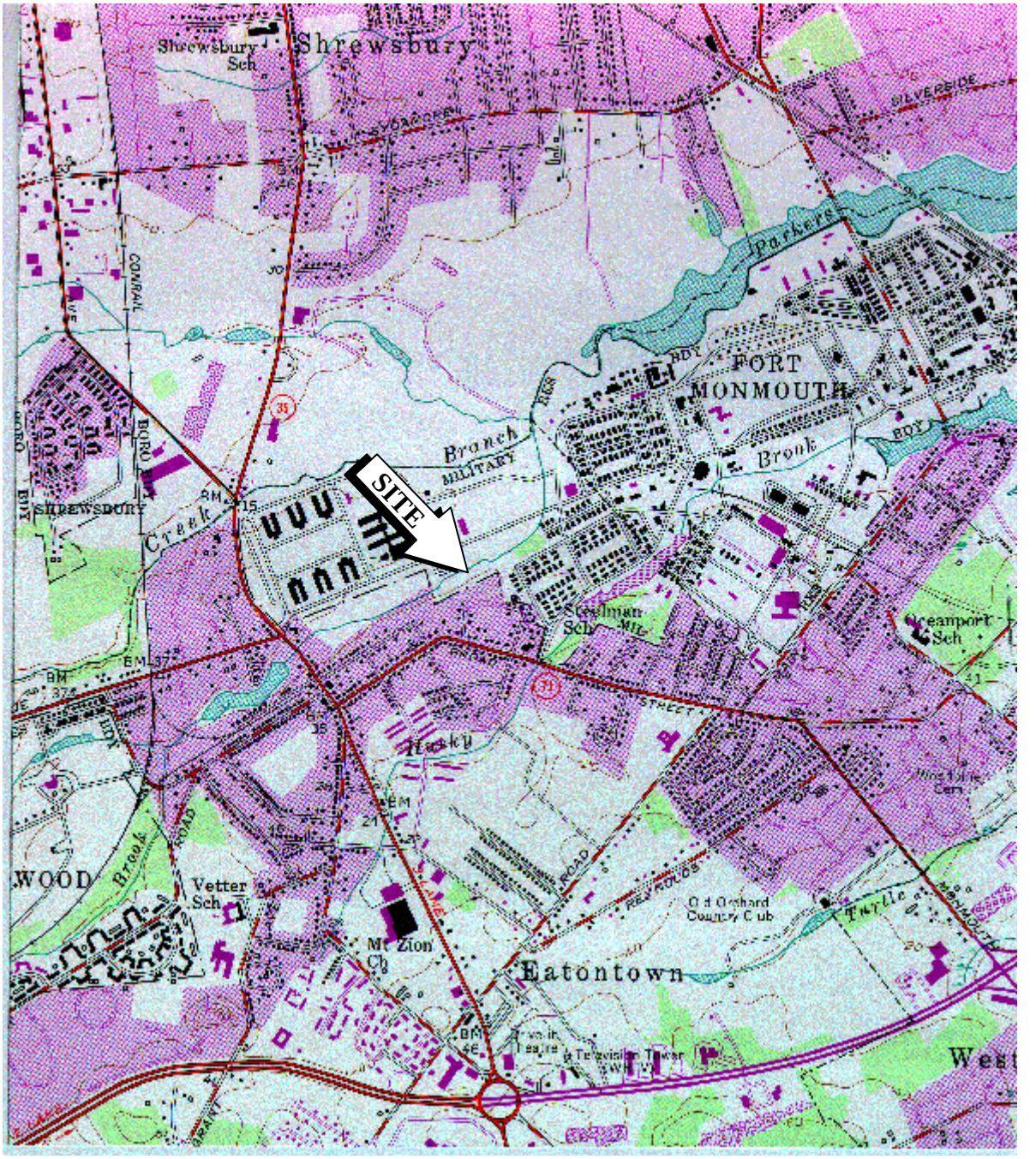
Lab Sample ID	5440.06	5471.06	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
1,4-Dichlorobenzene	4.46	3.67	75
Benzene	**5.92**	**5.17**	1
Chlorobenzene	**44.43**	**37.26**	4
Semi-Volatiles			
1,4-Dichlorobenzene	3.27	2.65	75
2-Methylnaphthalene	5.25	4.13	NLE
bis(2-Ethylhexyl)phthalate	4.33	4.11	30
n-Nitrosodiphenylamine	2.54	2.11	20
Pesticides/PCBs			
not detected			
Metals			
Aluminum	143	22.6	200
Barium	538	451	2000
Calcium	78000	72600	NLE
Chromium	4.35	7.39	100
Cobalt	1.07	0.557	NLE
Copper	ND	176	1000
Iron	**76900**	**61100**	300
Lead	ND	**39.3**	10
Magnesium	9230	8360	NLE
Manganese	**361**	**292**	50
Nickel	1.17	9.73	100
Potassium	5710	5250	NLE
Selenium	4.97	5.36	50
Sodium	14500	12600	50000
Vanadium	8.67	6.63	NLE
Zinc	5.44	260	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.

Table 2E (continued)
Quarterly Groundwater Sampling Results
Ft. Monmouth, New Jersey
Monitoring Well M2MW24, Landfill M-2
May 2000 - June 2000

Lab Sample ID	5440.09	5471.08	NJDEP
Sample Date	5/30/00	6/13/00	GWQC (ug/L)
Volatiles			
1,4-Dichlorobenzene	4.73	3.54	75
Benzene	**1.37**	**1.75**	1
Chlorobenzene	**5.21**	**5.67**	4
Semi-Volatiles			
1,4-Dichlorobenzene	3.34	2.52	75
2-Methylnaphthalene	12.10	8.30	NLE
Acenaphthene	1.33	ND	400
bis(2-Ethylhexyl)phthalate	6.97	4.70	30
Fluorene	1.30	ND	300
Naphthalene	ND	4.64	NLE
n-Nitrosodiphenylamine	1.39	ND	20
Pesticides/PCBs)			
not detected			
Metals			
Aluminum	**264**	155	200
Barium	348	329	2000
Cadmium	0.659	ND	4
Calcium	54200	56900	NLE
Chromium	12.3	5.93	100
Cobalt	0.780	ND	NLE
Copper	357	ND	1000
Iron	**60300**	**56100**	300
Lead	**49.5**	ND	10
Magnesium	4810	5040	NLE
Manganese	**748**	**682**	50
Nickel	16.7	3.37	100
Potassium	2940	3000	NLE
Selenium	ND	5.60	50
Sodium	8860	8050	50000
Vanadium	2.67	2.94	NLE
Zinc	448	14.5	5000

NOTES
All concentrations are given in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Exceedances of the NJDEP Groundwater Quality Criteria (GWQC) are highlighted and printed in bold-faced type.
ND: Analyte not detected in sample.
NLE: No GWQC exists for this analyte.



M-2 Landfill **Proposed CEA Location** *Ft. Monmouth, New Jersey*	**FIGURE 1**
	Site Location Map
U.S.G.S Topographic Map Long Branch, NJ Quadrangle 7.5-Minute Series Photorevised 1981	Versar INC.

M2–MW10
M2–MW12
M2–MW03
M2–MW13
M2–MW09
M2–MW11
M2–MW23
M2–MW14
M2–MW08
M2–MW04
M2–MW01
M2–MW15
M2–MW07
M2–MW06
M2–MW21
M2–MW24
M2–MW22
M2–MW05
M2–MW19
M2–MW02
M2–MW16
M2–MW20
M2–MW18
M2–MW17
A
A'
B
B'
POSTS
MEMORIES
N

80 0 80
scale feet

LEGEND

- M2–MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL
- M2–MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
- M2–MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
- CROSS SECTION LOCATION
- SITE BOUNDARY

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:
FIGURE 2
WELL LOCATION MAP / SITE PLAN
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 2
	FILE No.: FIGURE 2
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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BRISTOL, PA 19007
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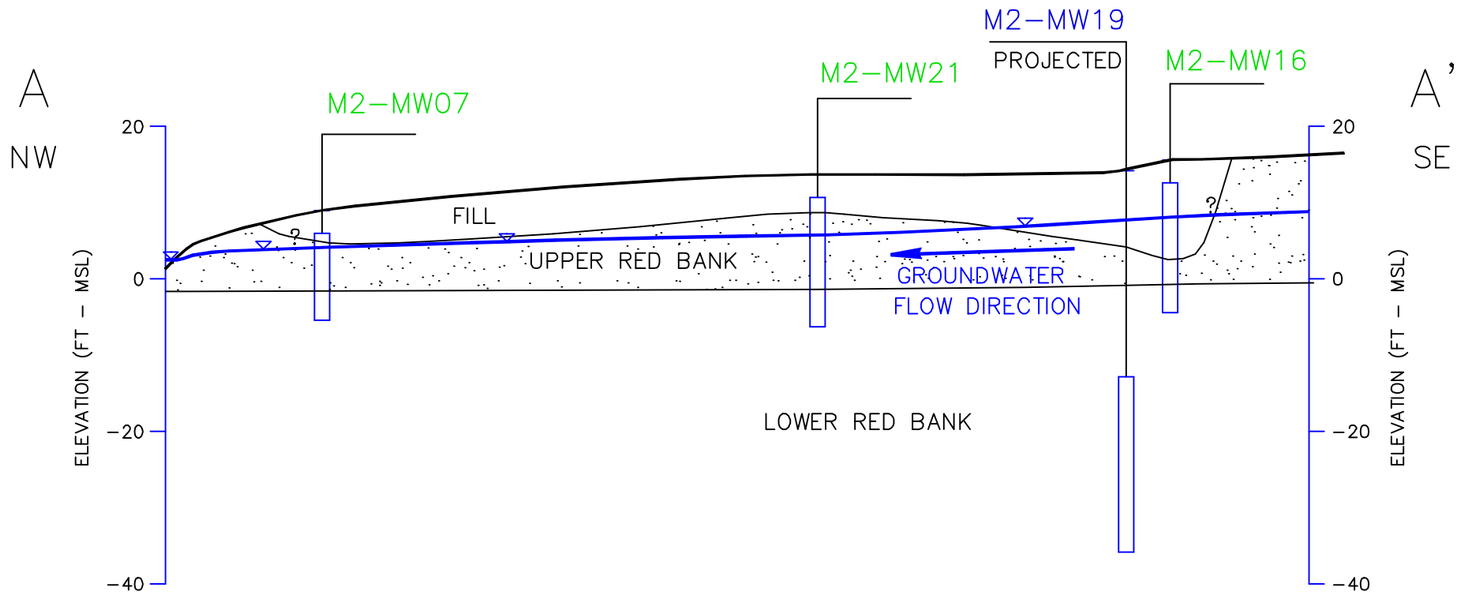

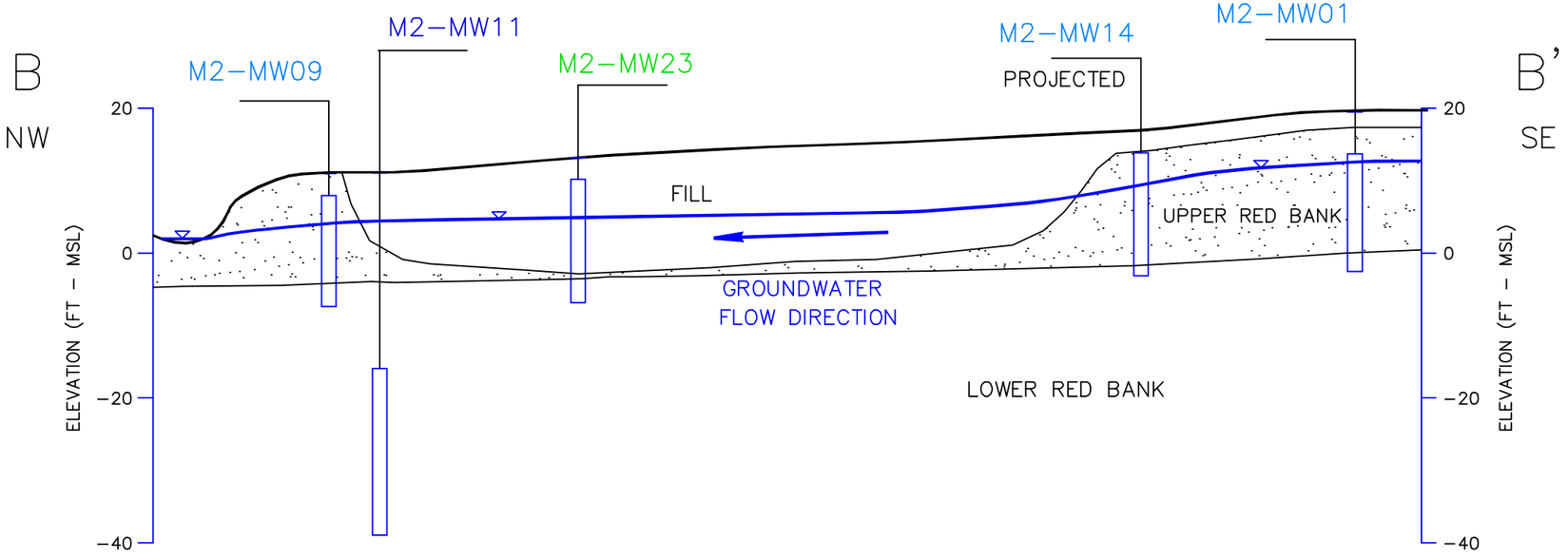

40 0 40
SCALE HORIZONTAL feet

20 0 20
SCALE VERTICAL feet

LEGEND

M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE LANDFILL

M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS

M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS

M2-MW14 PROJECTED WELL CONSTRUCTION DETAILS

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE: FIGURE 3
HYDROGEOLOGIC CROSS SECTIONS
A - A' AND B - B'
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 3
	FILE No.: FIGURE 3
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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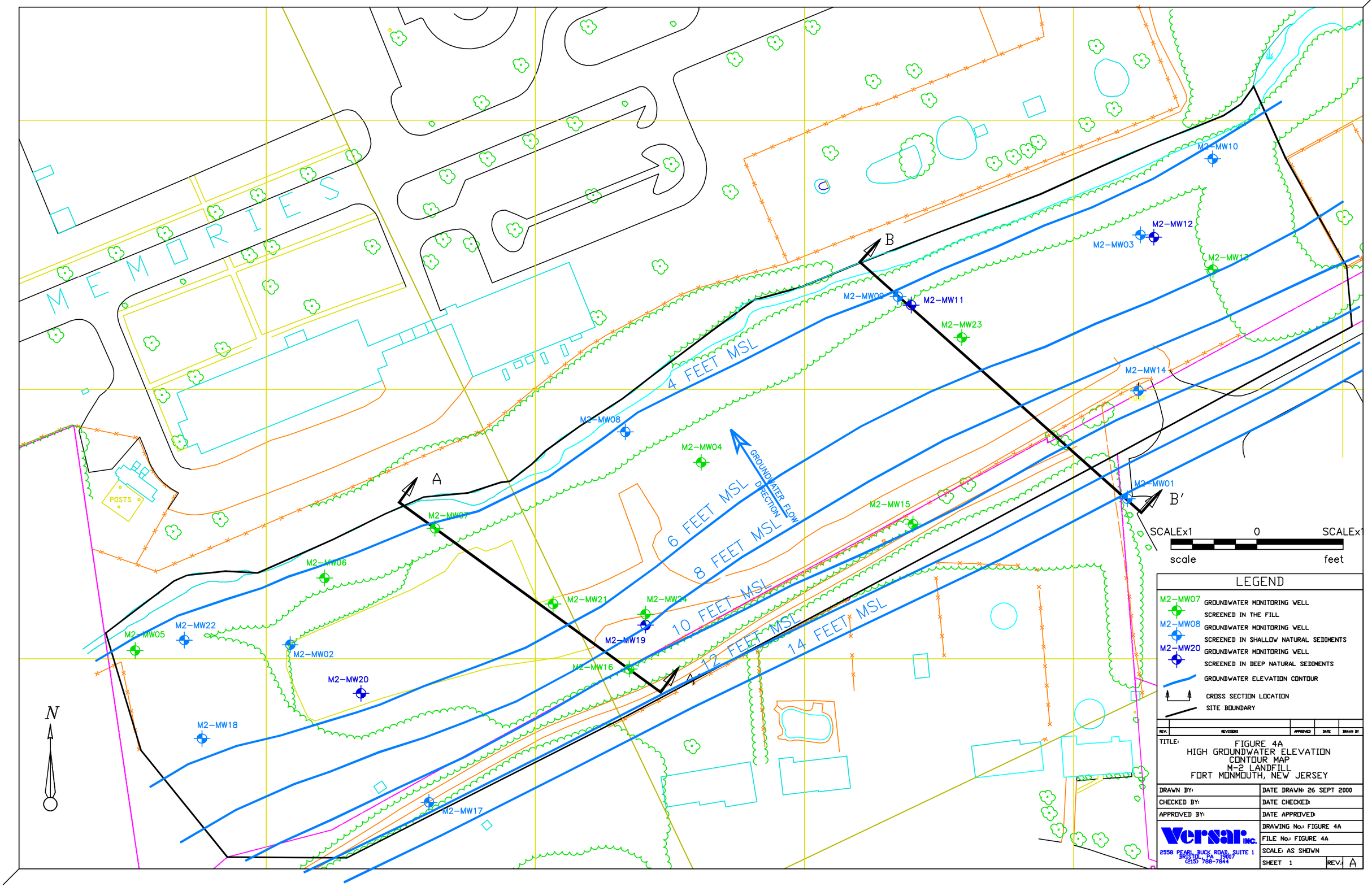
MEMORIES
POSTS
M2-MW10
M2-MW12
M2-MW03
M2-MW13
M2-MW09
M2-MW11
M2-MW23
M2-MW14
PLOT
M2-MW08
M2-MW04
M2-MW01
M2-MW07
M2-MW15
M2-MW06
M2-MW21
M2-MW24
M2-MW22
M2-MW05
M2-MW02
M2-MW19
M2-MW16
M2-MW20
M2-MW18
M2-MW17
A
A'
B
B'
4 FEET MSL
6 FEET MSL
8 FEET MSL
10 FEET MSL
12 FEET MSL
14 FEET MSL
GROUNDWATER FLOW DIRECTION
N
SCALEx1
0
SCALEx1
scale
feet
LEGEND
M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL
M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
GROUNDWATER ELEVATION CONTOUR
CROSS SECTION LOCATION
SITE BOUNDARY
REV. REVISIONS APPROVED DATE DRAWN BY
TITLE: FIGURE 4A HIGH GROUNDWATER ELEVATION CONTOUR MAP M-2 LANDFILL FORT MONMOUTH, NEW JERSEY
DRAWN BY:
DATE DRAWN: 26 SEPT 2000
CHECKED BY:
DATE CHECKED:
APPROVED BY:
DATE APPROVED:
DRAWING No.: FIGURE 4A
FILE No.: FIGURE 4A
SCALE: AS SHOWN
SHEET 1
REV.: A
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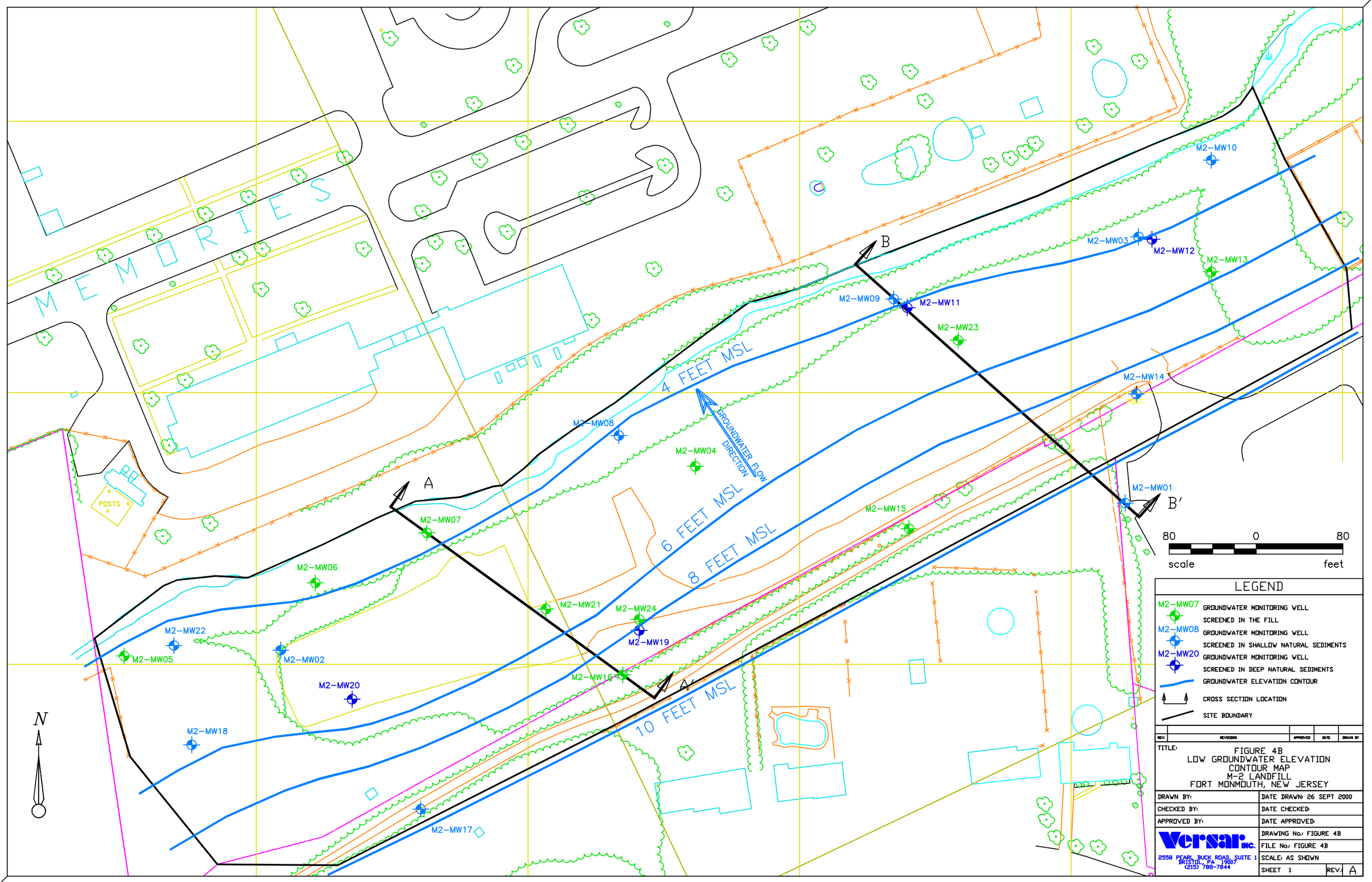

LEGEND

- M2-MW07 — GROUNDWATER MONITORING WELL SCREENED IN THE FILL
- M2-MW08 — GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
- M2-MW20 — GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
- GROUNDWATER ELEVATION CONTOUR
- CROSS SECTION LOCATION
- SITE BOUNDARY

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE: FIGURE 4B
LOW GROUNDWATER ELEVATION
CONTOUR MAP
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 4B
	FILE No.: FIGURE 4B
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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MEMORIES

1150

1151

1152

694

T-693

T-684

6687

MILL

CREEK

761

HEDGE

POST

POSTS

MH

CB

M2-MW10

SP CONCERN	SAMP DATE	5/1/97	8/6/97	10/31/97	1/11/98	4/22/98	7/22/98	11/5/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	ND	3.4J	0.42J	4.2D	ND	ND	ND	ND	4.5D	ND	ND
CHLOROBENZENE	1	ND	ND	1.4J	0.17J	1.7D	ND	ND	ND	ND	1.6D	ND	ND

M2-MW03

M2-MW12

SP CONCERN	SAMP DATE	5/31/00	8/14/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW13

SP CONCERN	SAMP DATE	5/31/00	8/14/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW09

SP CONCERN	SAMP DATE	10/15/98	11/2/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	0.6J	1.7J	ND	ND	ND	ND
CHLOROBENZENE	1	ND	ND	ND	ND	ND	ND	ND

M2-MW11

SP CONCERN	SAMP DATE	5/31/00	8/14/00
BENZENE		0.8J	ND
CHLOROBENZENE		ND	ND

M2-MW23

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	0.4J
CHLOROBENZENE		ND	0.4J

M2-MW14

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW08

SP CONCERN	SAMP DATE	10/15/98	11/2/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	1.8J	4.2D	0.7J	ND	ND	ND
CHLOROBENZENE	1	ND	ND	ND	ND	ND	ND	ND

M2-MW04

SP CONCERN	SAMP DATE	5/11/98	8/27/98	11/2/98	11/5/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	0.6J	ND	ND	ND	ND	ND	0.8J	ND
CHLOROBENZENE	1	ND	0.4J	ND	ND	ND	ND	ND	0.7J	ND

M2-MW01

SP CONCERN	SAMP DATE	5/1/97	8/6/97	10/31/97	1/11/98	4/22/98	7/22/98	11/5/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

M2-MW07

SP CONCERN	SAMP DATE	5/1/97	8/6/97	11/2/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	2.6D	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	1	2.6D	ND	ND	ND	ND	ND	ND	ND

M2-MW15

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW06

SP CONCERN	SAMP DATE	5/28/98	11/2/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	1.7D	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	1	1.7D	ND	ND	ND	ND	ND	ND

M2-MW21

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	0.4J
CHLOROBENZENE		ND	0.4J

M2-MW24

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		0.8J	0.6J
CHLOROBENZENE		0.8J	0.6J

M2-MW19

SP CONCERN	SAMP DATE	5/31/00	8/14/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW22

SP CONCERN	SAMP DATE	10/15/98	11/2/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	ND	ND	ND	ND	ND	ND	ND
CHLOROBENZENE	1	ND	ND	ND	ND	ND	ND	ND

M2-MW05

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW02

SP CONCERN	SAMP DATE	5/6/97	8/6/97	10/31/97	1/11/98	4/22/98	7/22/98	11/5/98	2/3/99	5/11/99	7/20/99	10/7/99	2/7/00
BENZENE	1	760	11.3D	10D	4.7D	3.1D	2.1D	3.7D	0.8J	4.7D	1.3D	1.6D	0.8D
CHLOROBENZENE	1	1.8D	0.6D	0.4D	0.2D	0.1J	0.1J	0.2J	ND	0.2J	ND	ND	ND

M2-MW16

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW20

SP CONCERN	SAMP DATE	5/1/00	8/14/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW18

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

M2-MW17

SP CONCERN	SAMP DATE	5/30/00	8/13/00
BENZENE		ND	ND
CHLOROBENZENE		ND	ND

N

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE		LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) ▭ = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
2.) NLE = NO LIMIT ESTABLISHED
3.) ⊗ = SHALLOW GROUNDWATER MONITORING WELL
4.) ⊗ = DEEP GROUNDWATER MONITORING WELL

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
C	MERGED FIGURES 9 & 9A	SJE	02 JAN 01	JMM
B	GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:

FIGURE 5A
GROUNDWATER CONSTITUENT CONCENTRATIONS MONITORING WELL DATA M-2 LANDFILL FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 29 DEC 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

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BRISTOL, PA 19007
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DRAWING No.: FIGURE 5A	
FILE No.: MON. WELLS 1-24	
SCALE: 1" = 30'	
SHEET 1 OF 1	REV.: C

LEGEND

VOLATILES	NJDEP GROUNDWATER QUALITY CRITERIA
CHLOROBENZENE	4 (ug/l)
BENZENE	1 (ug/l)

ROAD (PAVED)		WOODED AREA	
ROAD/TRAILS (UNPAVED)		TREE/BUSH	
FENCE		LIGHT POLE	
BUILDING		UTILITY POLE	
APPROXIMATE BOUNDARY		BROOK/CREEK	
BASE BOUNDARY		MARSHY AREA	

NOTES:

1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) ▭ = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) ● = GEOPROBE SAMPLING LOCATION.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	ADDED BORE 59A AND INFORMATION AND GENERAL REVISIONS	SJE	18 DEC 00	JMM

TITLE:
FIGURE 5B
GROUNDWATER CONSTITUENT CONCENTRATIONS
GEOPROBE DATA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY: JMM	DATE DRAWN: 29 JUL 00
CHECKED BY: SHV	DATE CHECKED: 07 AUG 00
APPROVED BY: SJE	DATE APPROVED: 18 DEC 00

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DRG. No.: M2-BENZENE GROUNDWATER	
FILE NO. FIGURE 5B	
SCALE: 1" = 30'	
SHEET OF	REV.: B

MEMORIES

POSTS

ND M2-MW01
ND M2-MW02
ND M2-MW03
ND M2-MW04
ND M2-MW05
ND M2-MW06
ND M2-MW07
ND M2-MW08
ND M2-MW09
ND M2-MW10
ND M2-MW11
ND M2-MW12
ND M2-MW13
ND M2-MW14
ND M2-MW15
ND M2-MW16
ND M2-MW17
ND M2-MW18
ND M2-MW19
ND M2-MW20
ND M2-MW21
ND M2-MW22
ND M2-MW23
ND M2-MW24

3.43
2.38
69.55
49.92
5.67
37.26

20
40
60
A
A'
B
B'

N

80 0 80
scale feet

LEGEND

M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL

M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS

M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS

CROSS SECTION LOCATION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:

FIGURE 6A
CHLOROBENZENE ISOCONCENTRATION CONTOURS
MARCH-JUNE 2000 DATA - MONITORING WELLS
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 6A
	FILE No.: FIGURE 6A
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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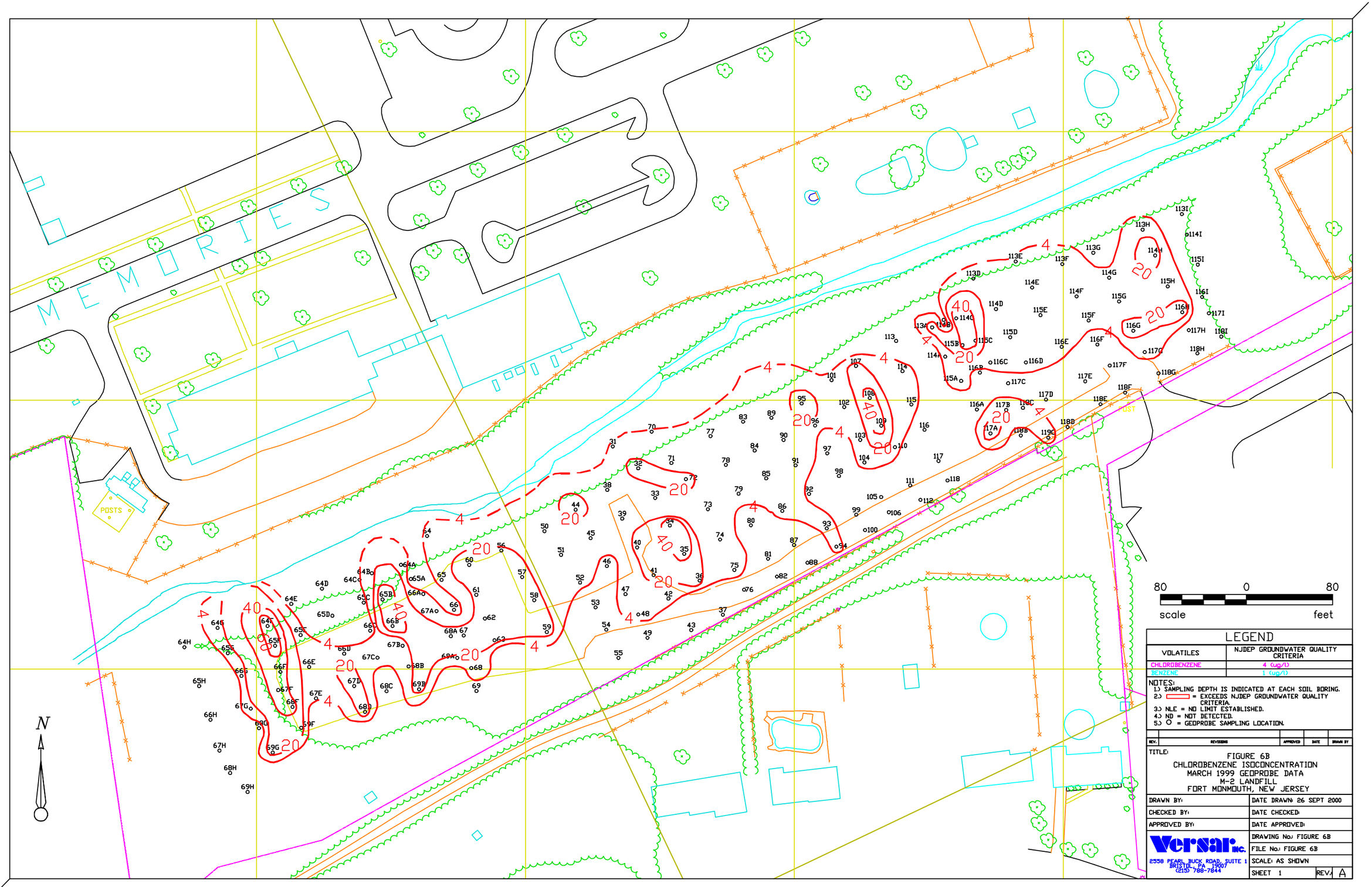

LEGEND

VOLATILES	NJDEP GROUNDWATER QUALITY CRITERIA
CHLOROBENZENE	4 (ug/l)
BENZENE	1 (ug/l)

NOTES:
1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) O = GEOPROBE SAMPLING LOCATION.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:
FIGURE 6B
CHLOROBENZENE ISOCONCENTRATION
MARCH 1999 GEOPROBE DATA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 6B
	FILE No.: FIGURE 6B
	SCALE: AS SHOWN
	SHEET 1 REV. A

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MEMORIES

POSTS

ND M2-MW01
ND M2-MW02
ND M2-MW03
ND M2-MW04
ND M2-MW05
ND M2-MW06
ND M2-MW07
ND M2-MW08
ND M2-MW09
ND M2-MW10
ND M2-MW11
ND M2-MW12
ND M2-MW13
ND M2-MW14
ND M2-MW15
ND M2-MW16
ND M2-MW17
ND M2-MW18
ND M2-MW19
ND M2-MW20
5.17 M2-MW23
3.46 M2-MW21
1.75 M2-MW24

1
3
1

A
A′
B
B′

N

80 0 80
scale feet

LEGEND

- M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL
- M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
- M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
- CROSS SECTION LOCATION

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:
FIGURE 7A
BENZENE ISOCONCENTRATION CONTOURS
MARCH-JUNE 2000 DATA - MONITORING WELLS
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 7A
	FILE No.: FIGURE 7A
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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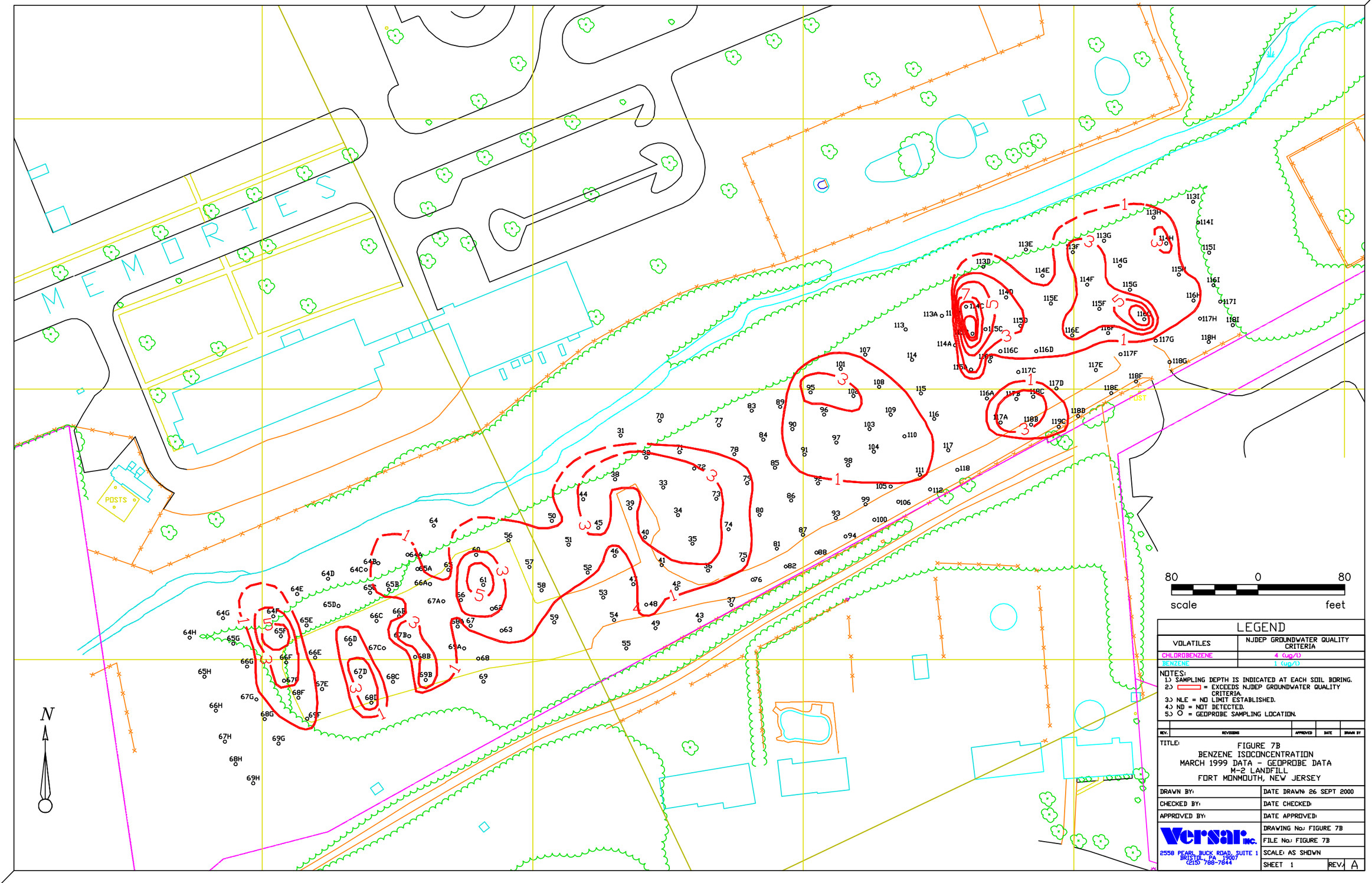

LEGEND

VOLATILES	NJDEP GROUNDWATER QUALITY CRITERIA
CHLOROBENZENE	4 (ug/l)
BENZENE	1 (ug/l)

NOTES:
1.) SAMPLING DEPTH IS INDICATED AT EACH SOIL BORING.
2.) ▭ = EXCEEDS NJDEP GROUNDWATER QUALITY CRITERIA.
3.) NLE = NO LIMIT ESTABLISHED.
4.) ND = NOT DETECTED.
5.) ○ = GEOPROBE SAMPLING LOCATION.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:
FIGURE 7B
BENZENE ISOCONCENTRATION
MARCH 1999 DATA - GEOPROBE DATA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 7B
	FILE No.: FIGURE 7B
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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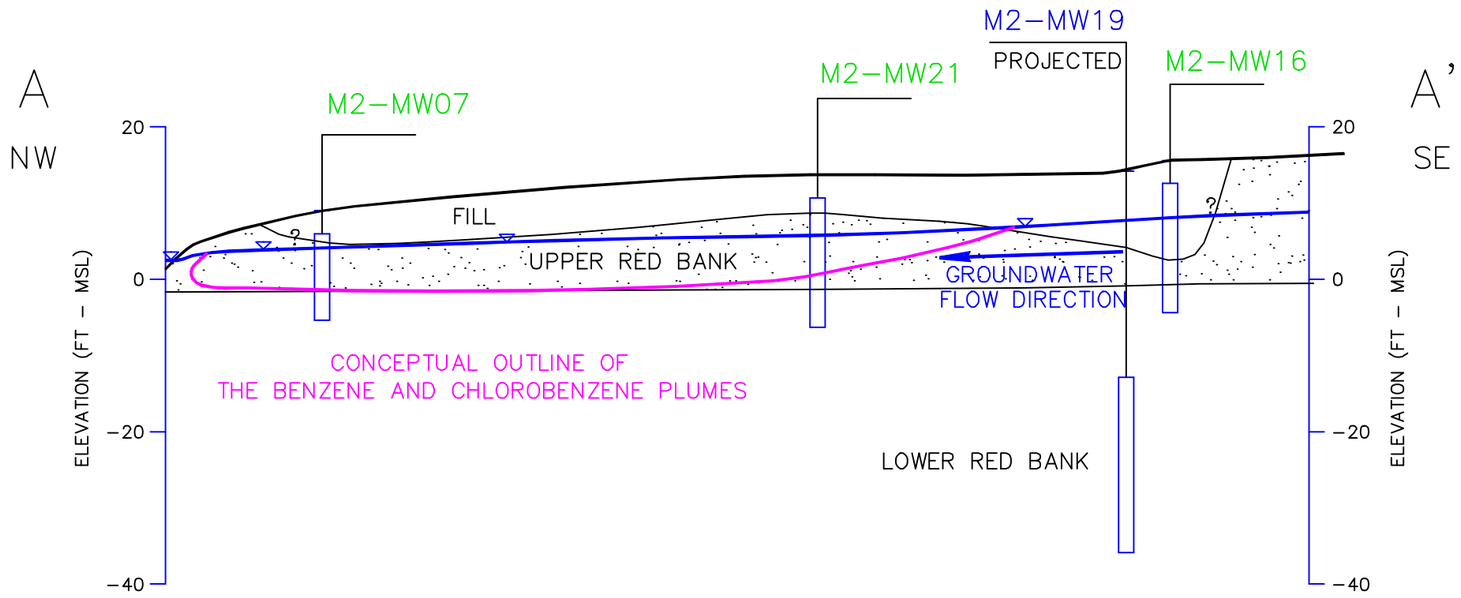

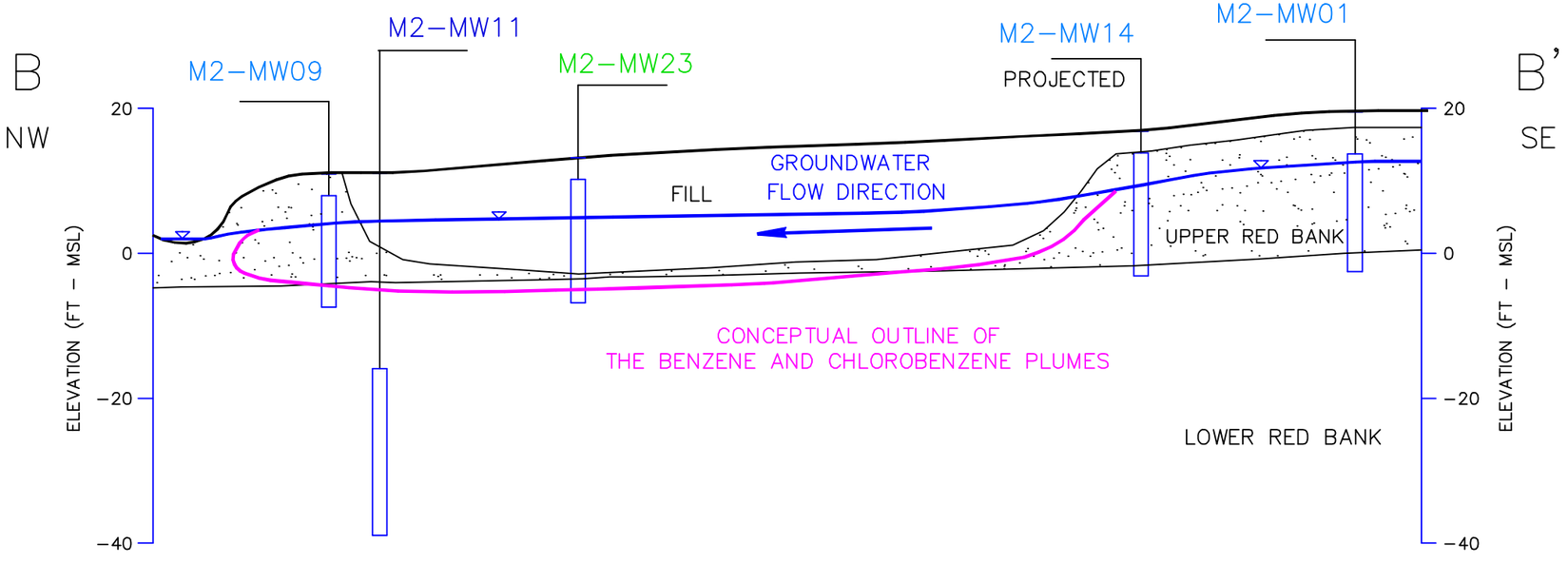

40 0 40
SCALE HORIZONTAL feet

20 0 20
SCALE VERTICAL feet

LEGEND

M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE LANDFILL

M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS

M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS

M2-MW14 PROJECTED WELL CONSTRUCTION DETAILS

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE: FIGURE 8
CONCEPTUAL CONTAMINANT TRANSPORT
CROSS SECTIONS A - A' AND B - B'
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 8
	FILE No.: FIGURE 8
	SCALE: AS SHOWN
	SHEET 1 REV.: A

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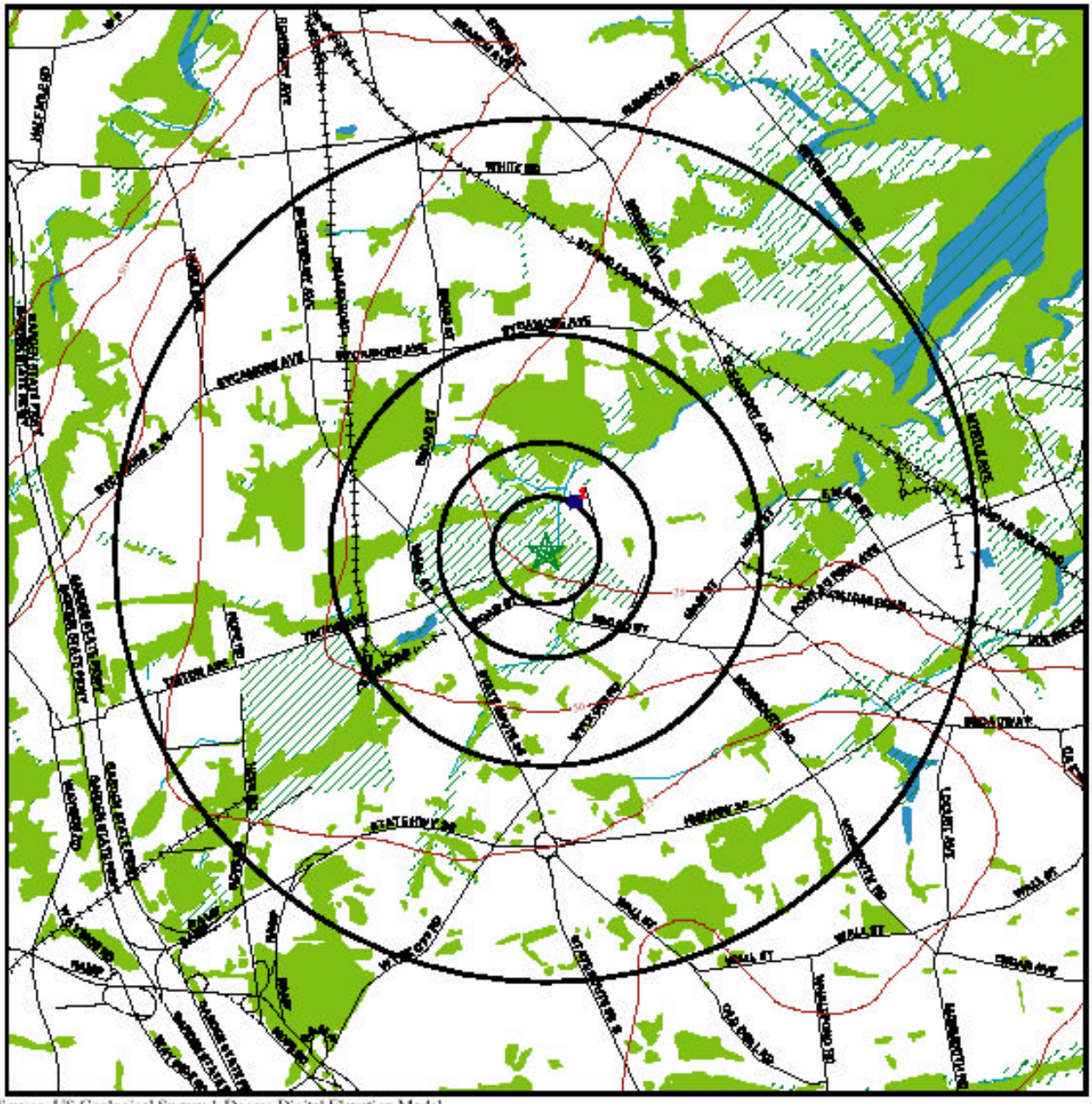
Figure 9 Receptor Map

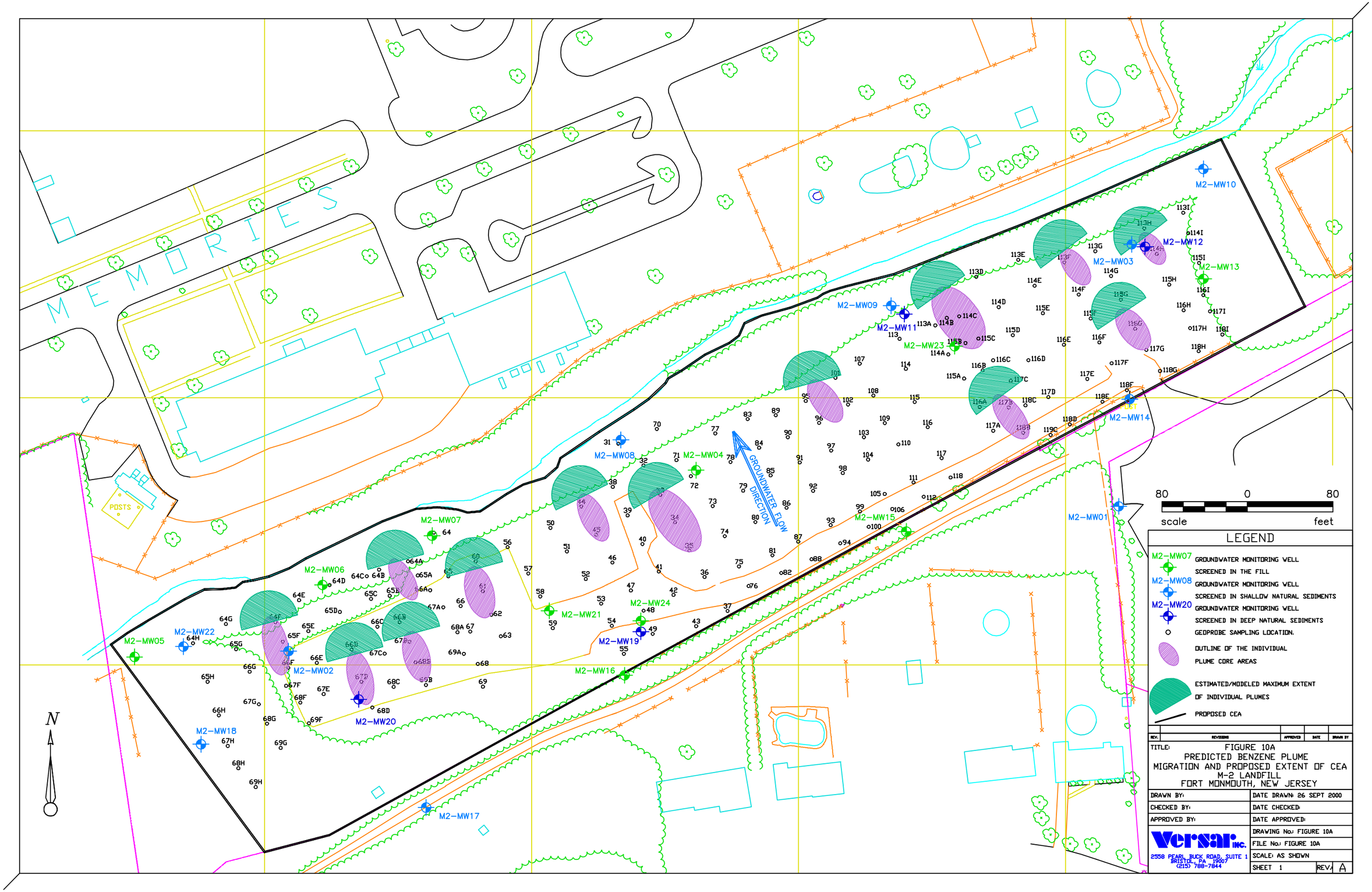
TOPOGRAPHIC MAP –0511403.2r –'Versar, Inc.'

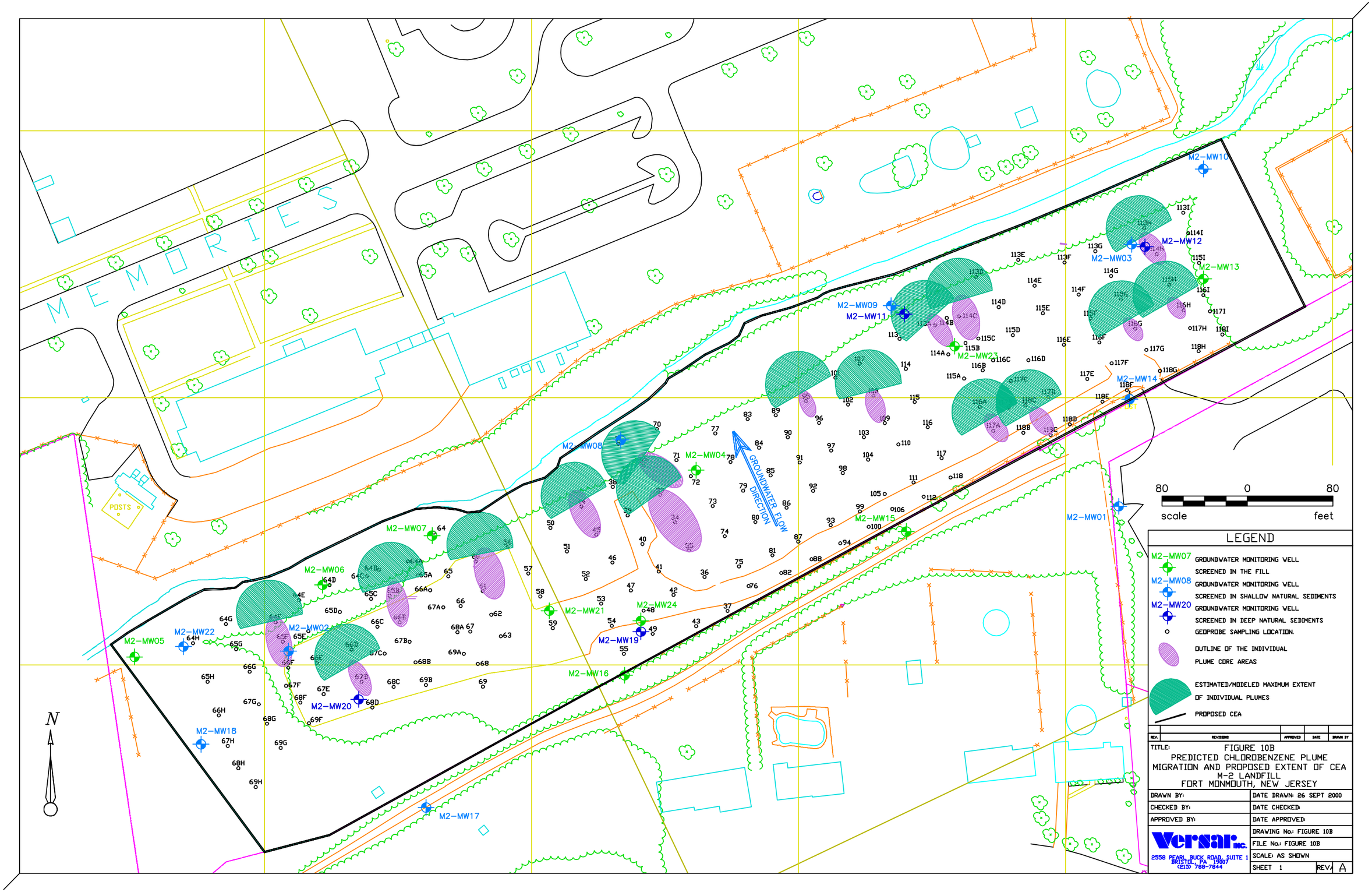


Source: US Geological Survey 1-Degree Digital Elevation Model
Compiled 09/15/92

–Major Roads
–Contour lines (25 foot interval unless otherwise shown)
–Waterways
–Wells within search distance to Target Property
–Earthquake Epicenters (Richter 5 or greater)
–Power lines
–Pipe lines
–Fault lines
–Water
–Wetlands
–100-year flood zone
–500-year flood zone

TARGET PROPERTY:	M-2 Landfill	CUSTOMER:	Versar, Inc.
ADDRESS:	Fort Monmouth Army Base	CONTACT:	Sharon Voss
CITY/STATE/ZIP:	Fort Monmouth NJ 07703	INQUIRY #:	0511403.2r
LAT/LONG:	40.3106 / 74.0529	DATE:	June 26, 2000


M E M O R I E S
POSTS
M2-MW01
M2-MW02
M2-MW03
M2-MW04
M2-MW05
M2-MW06
M2-MW07
M2-MW08
M2-MW09
M2-MW10
M2-MW11
M2-MW12
M2-MW13
M2-MW14
M2-MW15
M2-MW16
M2-MW17
M2-MW18
M2-MW19
M2-MW20
M2-MW21
M2-MW22
M2-MW23
M2-MW24
GROUNDWATER FLOW DIRECTION
N
80 0 80
scale feet
LEGEND
M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL
M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
GEOPROBE SAMPLING LOCATION.
OUTLINE OF THE INDIVIDUAL PLUME CORE AREAS
ESTIMATED/MODELED MAXIMUM EXTENT OF INDIVIDUAL PLUMES
PROPOSED CEA
REV. REVISIONS APPROVED DATE DRAWN BY
TITLE: FIGURE 10A
PREDICTED BENZENE PLUME
MIGRATION AND PROPOSED EXTENT OF CEA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
DRAWN BY:
DATE DRAWN: 26 SEPT 2000
CHECKED BY:
DATE CHECKED:
APPROVED BY:
DATE APPROVED:
Versar INC.
DRAWING No.: FIGURE 10A
FILE No.: FIGURE 10A
2558 PEARL BUCK ROAD, SUITE 1
BRISTOL, PA 19007
(215) 788-7844
SCALE: AS SHOWN
SHEET 1 REV. A


M E M O R I E S
POSTS
M2-MW01
M2-MW02
M2-MW03
M2-MW04
M2-MW05
M2-MW06
M2-MW07
M2-MW08
M2-MW09
M2-MW10
M2-MW11
M2-MW12
M2-MW13
M2-MW14
M2-MW15
M2-MW16
M2-MW17
M2-MW18
M2-MW19
M2-MW20
M2-MW21
M2-MW22
M2-MW23
M2-MW24
GROUNDWATER FLOW DIRECTION
N
80 0 80
scale feet
LEGEND
M2-MW07 GROUNDWATER MONITORING WELL SCREENED IN THE FILL
M2-MW08 GROUNDWATER MONITORING WELL SCREENED IN SHALLOW NATURAL SEDIMENTS
M2-MW20 GROUNDWATER MONITORING WELL SCREENED IN DEEP NATURAL SEDIMENTS
GEOPROBE SAMPLING LOCATION.
OUTLINE OF THE INDIVIDUAL PLUME CORE AREAS
ESTIMATED/MODELED MAXIMUM EXTENT OF INDIVIDUAL PLUMES
PROPOSED CEA
REV. REVISIONS APPROVED DATE DRAWN BY
TITLE: FIGURE 10B
PREDICTED CHLOROBENZENE PLUME MIGRATION AND PROPOSED EXTENT OF CEA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY
DRAWN BY: DATE DRAWN: 26 SEPT 2000
CHECKED BY: DATE CHECKED:
APPROVED BY: DATE APPROVED:
DRAWING No.: FIGURE 10B
FILE No.: FIGURE 10B
SCALE: AS SHOWN
SHEET 1 REV. A
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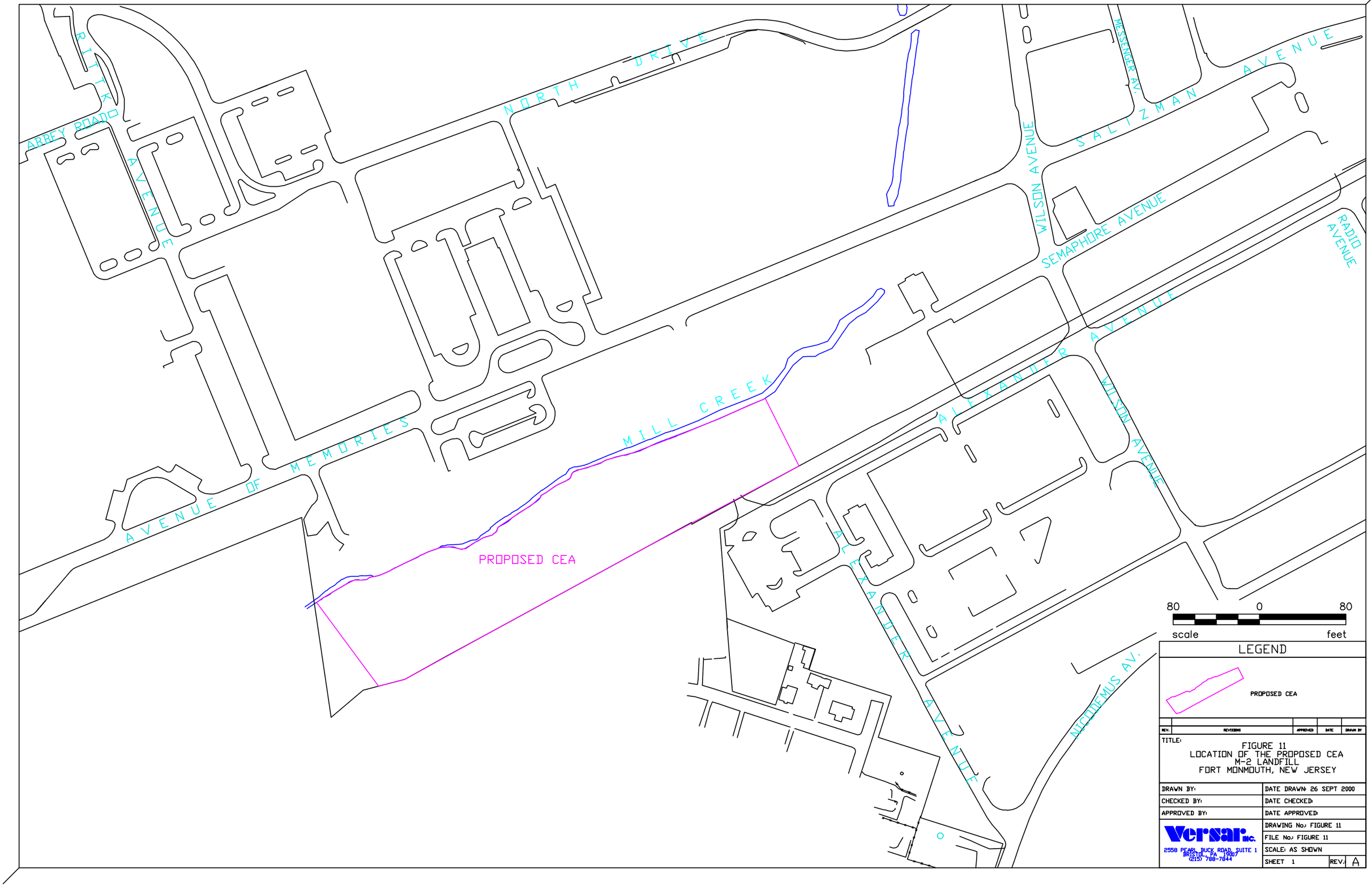

LEGEND

PROPOSED CEA

REV.	REVISIONS	APPROVED	DATE	DRAWN BY

TITLE:
FIGURE 11
LOCATION OF THE PROPOSED CEA
M-2 LANDFILL
FORT MONMOUTH, NEW JERSEY

DRAWN BY:	DATE DRAWN: 26 SEPT 2000
CHECKED BY:	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: FIGURE 11
	FILE No.: FIGURE 11
	SCALE: AS SHOWN
	SHEET 1 REV.: A

Versar Inc.
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BRISTOL, PA 19007
(215) 788-7844

APPENDIX H.1

Determination of the Extent and Duration of the CEA

A. Components of the Model

In determining the extent and duration of the Classification Exception Area (CEA) for the M-2 Landfill, the NJDEP's analytical solution option (1998) was used. In the model, the source is assumed to be located at the well of interest. Initial concentrations at the wells of interest are assumed to be equal to the average concentrations of the two-most recent rounds of ground water quality sampling events at the M-2 Landfill (June and August 1999). Since the model assumes a uniform flow - isotropic and homogeneous and a known flow direction, the CEA area is semi-circular in plan view.

Species migrate away from the wells of interest at a rate that is primarily governed by advection. The model used is conservative since it does not account for species attenuation by hydrodynamic dispersion and adsorption but only by biodegradation. In the model, biodegradation is represented by a first-order decay process in accordance with the biodegradation half-life of each species. The key assumptions used in the model are as follows:

- The aquifer is homogeneous and isotropic.
- The ground water velocity is uniform and constant.
- The biodegradation rate is proportional to concentration and may be represented by a first-order biodegradation rate expression.

To be conservative, constituent losses through molecular diffusion, hydrodynamic dispersion and volatilization are neglected.

B. Input Parameters

The model relies on site-specific data for parameter input values. The model input data are described below.

1. First Order Decay Constants

The first order decay constants describe the rate at which compounds are biodegraded in the aquifer. They are determined in laboratory and field experiments, and are specific to each compound. Decay constants are in units of 1/time. The decay constants are related to the half-lives as described in the following equation.

Decay constant = ((ln 0.5)/half-life) = (0.693/half-life)

The model requires first order decay constants. The decay constants were derived from well-specific measured concentrations. The derived well-specific decay constants were compared to field and laboratory studies of biodegradation of the VOC of interest that were published in the scientific literature, to ensure that they are either conservative or within the published range. Table A-1 to A-3 present constituent/well-specific biodegradation rates calculations. In case in which data were not representative, a literature value was used (Howard 1991).

calculations. In case in which data were not representative, a literature value was used (Howard 1991).

2. Uniform Ground Water Seepage Velocity

The uniform ground water seepage velocity is calculated from Darcy's law as:

$$V_s = K * i/n_e$$

Where:
V_s = seepage velocity;
K = hydraulic conductivity;
i = hydraulic gradient; and
n_e = effective porosity.

The hydraulic conductivity has units of length/time, and the hydraulic gradient and effective porosity are dimensionless, so the seepage velocity has units of length/time.

The hydraulic conductivity obtained from the pump test was used, since the value is more conservative. The hydraulic gradient was determined for the aquifer based on the ground water elevations measured in 1998 (see Table 1 and Figures 4A and 4B). An effective porosity of 0.01 was used in the model for the aquifer. This value represents the geometric mean of the range (0.001 – 0.1) published by Storch Engineers in 1987 for the M-2 Landfill.

3. Retardation Factor

The retardation factor is a dimensionless parameter that describes the effect of chemical adsorption on the aquifer material. This process slows the migration of dissolved chemicals in ground water. The retardation factor is calculated as:

$$R_d = 1 + (K_{oc} * f_{oc} * \tilde{n}_b/n_e)$$

Where:
R_d = retardation factor;
K_{oc} = soil sorption coefficient;
f_{oc} = fraction of organic carbon;
$\tilde{n}_b$ = bulk density of formation; and
n_e = effective porosity.

Literature values were obtained for these parameters. The soil sorption coefficient is compound-specific and is expressed in units of milliliters of solute per gram of aquifer material (USEPA 1996b). The fraction of organic carbon of 0.003 was used in the model as recommended by the USEPA (1996a) for the sites at which no specific data are available. The bulk density values were obtained from a range of values for similar geologic materials (USEPA 1985). The effective porosity was selected as described above.

B. Modeling Results

Table A-9 summarizes the results of the ground water modeling. Tables A-1 to A-5 present biodegradation estimates and Tables A-6 to A-8 present detailed CEA calculations for each well of concern at the M-2 Landfill. Graphical depictions of the model output for each contaminant from each source well for which concentrations are higher than the NJDEP GWQC are provided in Figures A-1 through A-3. These results and their relationship to the proposed CEAs are discussed in the text of the report.

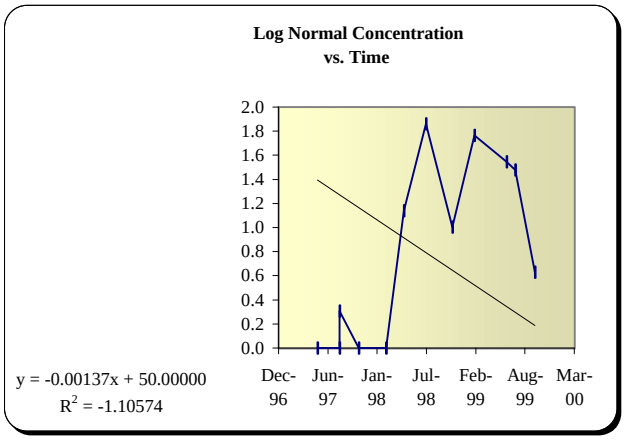
Table A-1: MW2 Benzene and Chlorobenzene Concentrations (in ug/L)
M2 Landfill

Date	Benzene	Chlorobenzene
5/8/97	ND	17.99
8/6/97	ND	ND
8/6/97	1.36	18.56
10/23/97	ND	10.88
2/11/98	ND	7.39
4/23/98	3.12	24.07
7/22/98	6.44	36.51
11/6/98	2.73	44
2/3/99	5.84	37.3
6/15/99	4.7	22.3
7/20/99	4.39	23.13
10/7/99	1.88	37.17

Best Fit Method to Determine the Well-Specific Biodegradation Rate

Benzene

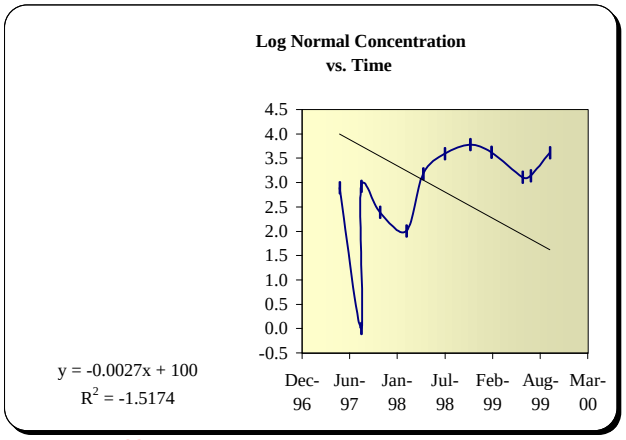
Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
May-97	ND	0.00
August-97	ND	0.00
August-97	1.36	0.31
October-97	ND	0.00
February-98	ND	0.00
April-98	3.12	1.14
July-98	6.44	1.86
November-98	2.73	1.00
February-99	5.84	1.76
June-99	4.7	1.55
July-99	4.39	1.48
October-99	1.88	0.63



R =			**1.05154**	
Well-Specific k =		**0.00137**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**506**		**days**
Published[(2)] $T_{1/2}$	**10**	**-**	**730**	**days**

Chlorobenzene

Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
May-97	17.99	2.89
August-97	ND	0.00
August-97	18.56	2.92
October-97	10.88	2.39
February-98	7.39	2.00
April-98	24.07	3.18
July-98	36.51	3.60
November-98	44	3.78
February-99	37.3	3.62
June-99	22.3	3.10
July-99	23.13	3.14
October-99	37.17	3.62



R =			**1.23**	
Well-Specific k =		**0.0027**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**257**		**days**
Published[(2)] $T_{1/2}$	**136**	**-**	**300**	**days**

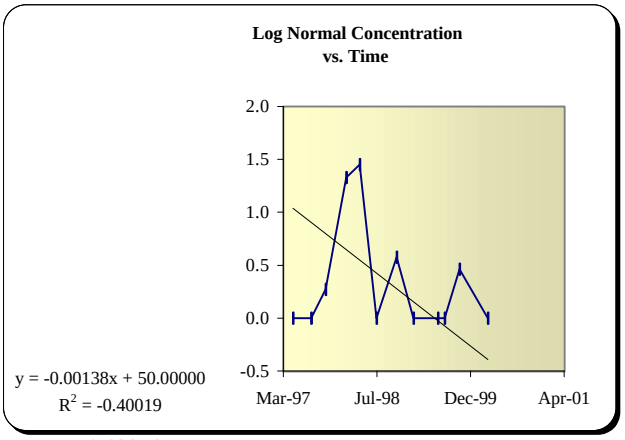
Table A-2: MW3 Benzene and Chlorobenzene Concentrations (in ug/L)
M2 Landfill

Date	Benzene	Chlorobenzene
5/2/97	ND	4.69
8/6/97	ND	1.49
10/23/97	1.31	17.75
2/11/98	3.78	78.82
4/23/98	4.26	107.81
7/22/98	ND	10.51
11/6/98	1.78	11.9
2/3/99	ND	7.14
6/15/99	ND	4.29
7/20/99	ND	3.68
10/7/99	1.59	11.2
3/7/00	ND	3.42

Best Fit Method to Determine the Well-Specific Biodegradation Rate

Benzene

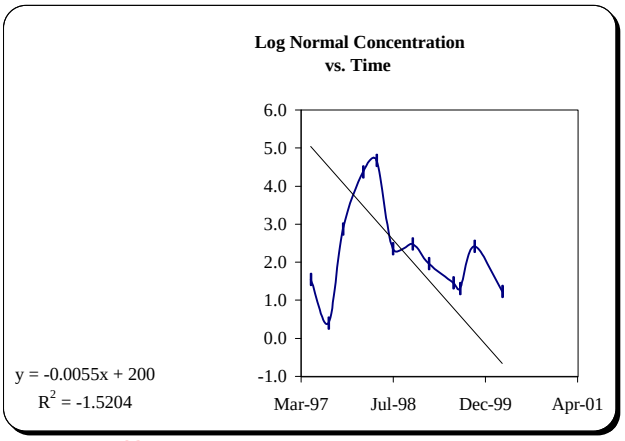
Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
May-97	ND	0.00
August-97	ND	0.00
October-97	1.31	0.27
February-98	3.78	1.33
April-98	4.26	1.45
July-98	ND	0.00
November-98	1.78	0.58
February-99	ND	0.00
June-99	ND	0.00
July-99	ND	0.00
October-99	1.59	0.46
March-00	ND	0.00



R =		**0.63246**		
Well-Specific k =		**0.00138**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**502**		**days**
Published[(2)] $T_{1/2}$	**10**	**-**	**730**	**days**

Chlorobenzene

Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
May-97	4.69	1.55
August-97	1.49	0.40
October-97	17.75	2.88
February-98	78.82	4.37
April-98	107.81	4.68
July-98	10.51	2.35
November-98	11.9	2.48
February-99	7.14	1.97
June-99	4.29	1.46
July-99	3.68	1.30
October-99	11.2	2.42
March-00	3.42	1.23



R =		**1.23**		
Well-Specific k =		**0.0055**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**126**		**days**
Published[(2)] $T_{1/2}$	**136**	**-**	**300**	**days**

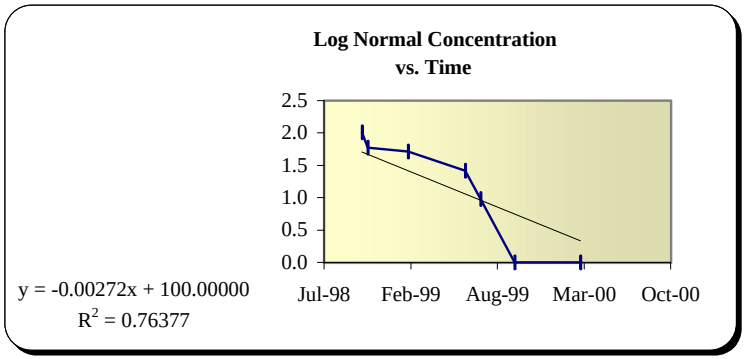
Table A-3: MW8 Benzene and Chlorobenzene Concentrations (in ug/L)
M2 Landfill

Date	Benzene	Chlorobenzene
10/19/98	7.46	NA
11/2/98	5.88	NA
2/3/99	5.56	NA
6/15/99	4.13	NA
7/20/99	2.66	NA
10/7/99	ND	NA
3/7/00	ND	NA

Best Fit Method to Determine the Well-Specific Biodegradation Rate

Benzene

Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
October-98	7.46	2.01
November-98	5.88	1.77
February-99	5.56	1.72
June-99	4.13	1.42
July-99	2.66	0.98
October-99	ND	0.00
March-00	ND	0.00



R =			**0.87394**	
Well-Specific k =		**0.00272**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**255**		**days**
Published[(2)] $T_{1/2}$	**10**	**-**	**730**	**days**

Chlorobenzene

Published[(2)] $T_{1/2}$	**136**	**-**	**300**	**days**

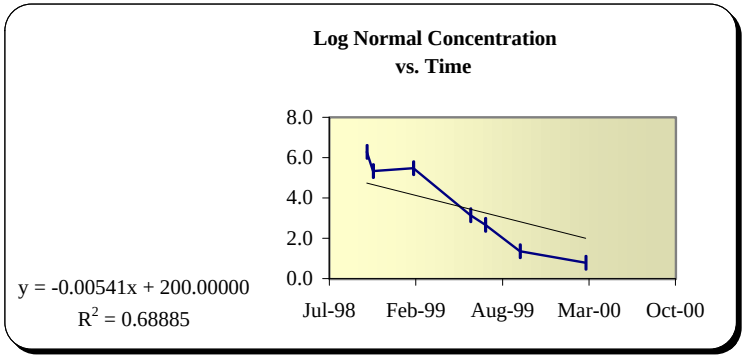
Table A-4: MW9 Benzene and Chlorobenzene Concentrations (in ug/L)
M2 Landfill

Date	Benzene	Chlorobenzene
10/19/98	538.24	NA
11/2/98	205.68	NA
2/3/99	236.20	NA
6/15/99	23.39	NA
7/20/99	14.32	NA
10/7/99	3.91	NA
3/7/00	2.21	NA

Best Fit Method to Determine the Well-Specific Biodegradation Rate

Benzene

Date	Conc. in MW-1 (mg/L)	Ln [Conc.] (mg/L)
October-98	538.24	6.29
November-98	205.68	5.33
February-99	236.2	5.46
June-99	23.39	3.15
July-99	14.32	2.66
October-99	3.91	1.36
March-00	2.21	0.79



R =			**0.82997**	
Well-Specific k =		**0.00541**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**128**		**days**
Published[(2)] $T_{1/2}$	**10**	**-**	**730**	**days**

Chlorobenzene

Published[(2)] $T_{1/2}$	**136**	**-**	**300**	**days**

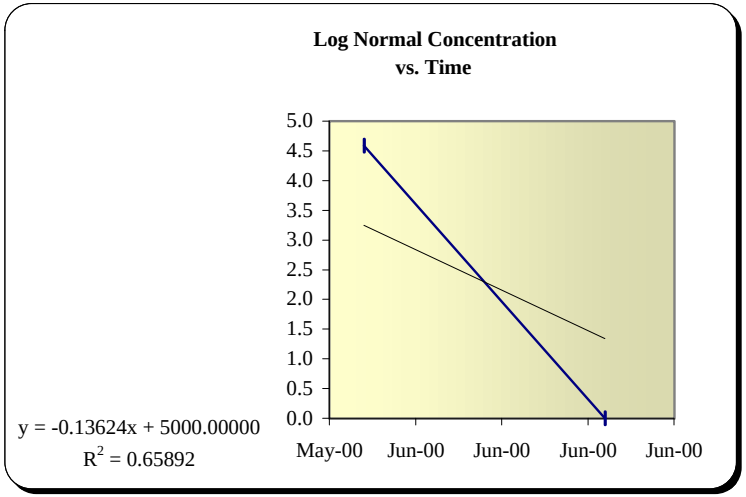
Table A-5: MW11 Benzene and Chlorobenzene Concentrations (in ug/L)
M2 Landfill

Date	Benzene	Chlorobenzene
5/31/00	98.01	NA
6/14/00	ND	NA

Best Fit Method to Determine the Well-Specific Biodegradation Rate

Benzene

Date	Conc. in MW-11 (mg/L)	Ln [Conc.] (mg/L)
May-00	98.01	4.59
June-00	ND	0.00



R =			**0.81174**	
Well-Specific k =		**0.13624**		**days^{-1}**
Well-Specific $T_{1/2}$ =		**5**		**days**
Published[(2)] $T_{1/2}$	**10**	**-**	**730**	**days**

Chlorobenzene

Published[(2)] $T_{1/2}$	**136**	**-**	**300**	**days**

Table A-6
Results of Ground Water Modeling for Determination of CEA Duration and Extent at MW-2
M-2 Landfill

CEA Duration Based on Available Site Specific Biodegradation Rates

Input

Parameters / Constituents		Benzene	Chlorobenzene
Dt	days	150	
$T_{1/2}$	days	1,095	1,095
k	$days^{-1}$	0.00063	0.00063
Initial Concentration, C December 22, 1999	mg/L	3.135	30.15

Calculation and Results

Time (days)	Date	Predicted Concentrations, C (ug/L)	
0	December 22, 1999	3.14	30.15
150	May 20, 2000	2.85	27.42
300	October 17, 2000	2.59	24.94
450	March 16, 2001	2.36	22.68
600	**August 13, 2001**	2.14	20.62
750	January 10, 2002	1.95	18.75
900	June 9, 2002	1.77	17.06
1,050	November 6, 2002	1.61	15.51
1,200	April 5, 2003	1.47	14.11
1,350	September 2, 2003	1.33	12.83
1,500	**January 30, 2004**	1.21	11.67
1,650	June 28, 2004	1.10	10.61
1,800	November 25, 2004	1.00	9.65
1,950	April 24, 2005	0.91	8.77
2,100	September 21, 2005	0.83	7.98
2,250	February 18, 2006	0.75	7.26
2,400	July 18, 2006	0.69	6.60
2,550	December 15, 2006	0.62	6.00
2,700	May 14, 2007	0.57	5.46
2,850	October 11, 2007	0.52	4.96
3,000	March 9, 2008	0.47	4.51
3,150	August 6, 2008	0.43	4.10
3,300	January 3, 2009	0.39	3.73
CEA will extend until approximately:			
3,300	**January 3, 2009**	**0.39**	**3.73**
NJGWQC	**mg/L**	**1**	**4**

Notes:

NJGWQC = New Jersey Ground Water Quality Criterion

Parent Constituent Predicted Concentration: $C_p(t) = C_p(t-1) * e^{-k\Delta t}$

Daughter Constituent Predicted Concentration: $C_d(t) = C_d(t-1) * e^{-k\Delta t} + (Cp(t-1)-Cp(t))*Md/Mp$

Time to reach NJGWQC = T_{NJGWQC}

Reaction Rate Constant = $k = -\ln(0.5)/t_{1/2}$

Length of CEA Based on Available Site Specific Biodegradation Rates

Input Data

Hydraulic Conductivity[3] (K)	cm/s	1.41E-04	
Hydraulic Gradient[4] (i):	ft/ft	0.03	
Effective Porosity[5] (n_e):	---	0.4	
Bulk Density of Formation[5] (r_b)	kg/L	1.5	
n-Octanol/Carbon Partition[6] (K_{oc}):	L/kg	61.7	224
Fraction of Organic Carbon[7] (f_{oc})	---	0.003	

Calculation and Results

Seepage Velocity (ft/day)	vs = K*i/ne =	0.03	
Retardation Factor	Rd = 1 + (Koc * foc* rb / ne) =	1.73	3.66
Pollutant Transport Rate (ft/day)	vpt = vs/Rd =	0.017	0.008
or (ft/year)		6.32	2.99
T_{NJGWQC} (days)	Determined above	1,800	3,300
T_{NJGWQC} (years)		5	9
Length of CEA (ft)	vpt * TGWQS =	31	27

Notes:

(1) Initial concentration (Co) is the average concentrationof the last two sample event.

(2) Half-Life data reference: Howard, P.H. et. al. 1991. *Handbook of Environmental Degradation Rates*. Lewis Publishers.

(3) Hydraulic conductivity, K = 0.4 ft/day (pump test performed by Versar in August 2000)

(4) Hydraulic gradient (i) derived by Versar (August 2000) from ground water elevation contours

(5) Effective porosity, n = 0.4, and bulk density, ρ_b = 1.5 g/mL (consistent with the type of soil - clayey sands, at the Site).

(6) K_{oc} data reference: Soil Screeening Guidance 1996.

(7) f_{oc} = 0.003 (the geometric average of the minimum and maximum range of f_{oc}). *USEPA 1996* .

Table A-7
Results of Ground Water Modeling for Determination of CEA Duration and Extent at MW-3
M-2 Landfill

CEA Duration Based on Available Site Specific Biodegradation Rates

Input

Parameters / Constituents		Benzene	Chlorobenzene
Dt	days	45	
$T_{1/2}$	days	1,095	1,095
k	$days^{-1}$	0.00063	0.00063
Initial Concentration, C December 22, 1999	mg/L	0.795	7.31

Calculation and Results

Time (days)	Date	Predicted Concentrations, C (ug/L)	
0	December 22, 1999	0.80	7.31
45	February 5, 2000	0.77	7.10
90	March 21, 2000	0.75	6.91
135	May 5, 2000	0.73	6.71
180	**June 19, 2000**	0.71	6.52
225	August 3, 2000	0.69	6.34
270	September 17, 2000	0.67	6.16
315	November 1, 2000	0.65	5.99
360	December 16, 2000	0.63	5.82
405	January 30, 2001	0.62	5.66
450	**March 16, 2001**	0.60	5.50
495	April 30, 2001	0.58	5.34
540	June 14, 2001	0.56	5.19
585	July 29, 2001	0.55	5.05
630	September 12, 2001	0.53	4.91
675	October 27, 2001	0.52	4.77
720	December 11, 2001	0.50	4.63
765	January 25, 2002	0.49	4.50
810	March 11, 2002	0.48	4.38
855	April 25, 2002	0.46	4.25
900	June 9, 2002	0.45	4.14
945	July 24, 2002	0.44	4.02
990	September 7, 2002	0.42	3.91
CEA will extend until approximately:			
990	**September 7, 2002**	**0.42**	**3.91**
NJGWQC	**mg/L**	**1**	**4**

Notes:

NJGWQC = New Jersey Ground Water Quality Criterion

Parent Constituent Predicted Concentration: $C_p(t) = C_p(t-1) * e^{-k\Delta t}$

Daughter Constituent Predicted Concentration: $C_d(t) = C_d(t-1) * e^{-k\Delta t} + (Cp(t-1)-Cp(t))*Md/Mp$

Time to reach NJGWQC $= T_{NJGWQC}$

Reaction Rate Constant $= k = -\ln(0.5)/t_{1/2}$

Length of CEA Based on Available Site Specific Biodegradation Rates

Input Data

Hydraulic Conductivity[3] (K)	cm/s	1.41E-04	
Hydraulic Gradient[4] (i):	ft/ft	0.03	
Effective Porosity[5] (n_e):	---	0.4	
Bulk Density of Formation[5] (r_b)	kg/L	1.5	
n-Octanol/Carbon Partition[6] (K_{oc}):	L/kg	61.7	224
Fraction of Organic Carbon[7] (f_{oc})	---	0.003	

Calculation and Results

Seepage Velocity (ft/day)	vs = K*i/ne =	0.03	
Retardation Factor	Rd = 1 + (Koc * foc* rb / ne) =	1.73	3.66
Pollutant Transport Rate (ft/day)	vpt = vs/Rd =	0.017	0.008
or (ft/year)		6.32	2.99
T_{NJGWQC} (days)	Determined above	0	990
T_{NJGWQC} (years)		0	3
Length of CEA (ft)	vpt * TGWQS =	0	8

Notes:

(1) Initial concentration (Co) is the average concentrationof the last two sample event.

(2) Half-Life data reference: Howard, P.H. et. al. 1991. *Handbook of Environmental Degradation Rates.* Lewis Publishers.

(3) Hydraulic conductivity, K = 0.4 ft/day (pump test performed by Versar in August 2000)

(4) Hydraulic gradient (i) derived by Versar (August 2000) from ground water elevation contours

(5) Effective porosity, n = 0.4, and bulk density, ρ_b = 1.5 g/mL (consistent with the type of soil - clayey sands, at the Site).

(6) K_{oc} data reference: Soil Screeening Guidance 1996.

(7) f_{oc} = 0.003 (the geometric average of the minimum and maximum range of f_{oc}). *USEPA 1996* .

Table A-8
Results of Ground Water Modeling for Determination of CEA Duration and Extent at MW-9
M-2 Landfill

CEA Duration Based on Available Site Specific Biodegradation Rates

Input

Parameters / Constituents		Benzene	Chlorobenzene
Dt	days	80	
$T_{1/2}$	days	1,095	1,095
k	$days^{-1}$	0.00063	0.00063
Initial Concentration, C December 22, 1999	mg/L	3.06	ND

Calculation and Results

Time (days)	Date	Predicted Concentrations, C (ug/L)	
0	December 22, 1999	3.06	
80	March 11, 2000	2.91	
160	May 30, 2000	2.77	
240	August 18, 2000	2.63	
320	**November 6, 2000**	2.50	
400	January 25, 2001	2.38	
480	April 15, 2001	2.26	
560	July 4, 2001	2.15	
640	September 22, 2001	2.04	
720	December 11, 2001	1.94	
800	**March 1, 2002**	1.84	
880	May 20, 2002	1.75	
960	August 8, 2002	1.67	
1,040	October 27, 2002	1.58	
1,120	January 15, 2003	1.51	
1,200	April 5, 2003	1.43	
1,280	June 24, 2003	1.36	
1,360	September 12, 2003	1.29	
1,440	December 1, 2003	1.23	
1,520	February 19, 2004	1.17	
1,600	May 9, 2004	1.11	
1,680	July 28, 2004	1.06	
1,760	October 16, 2004	1.00	

CEA will extend until approximately:

1,760	**October 16, 2004**	**1.00**	**0.00**
NJGWQC	mg/L	1	4

Notes:

NJGWQC = New Jersey Ground Water Quality Criterion

Parent Constituent Predicted Concentration: $C_p(t) = C_p(t-1) * e^{-k\Delta t}$

Daughter Constituent Predicted Concentration: $C_d(t) = C_d(t-1) * e^{-k\Delta t} + (Cp(t-1)-Cp(t))*Md/Mp$

Time to reach NJGWQC $= T_{NJGWQC}$

Reaction Rate Constant $= k = -\ln(0.5)/t_{1/2}$

Length of CEA Based on Available Site Specific Biodegradation Rates

Input Data

Hydraulic Conductivity[3] (K)	cm/s	1.41E-04	
Hydraulic Gradient[4] (i):	ft/ft	0.03	
Effective Porosity[5] (n_e):	---	0.4	
Bulk Density of Formation[5] (r_b)	kg/L	1.5	
n-Octanol/Carbon Partition[6] (K_{oc}):	L/kg	61.7	224
Fraction of Organic Carbon[7] (f_{oc})	---	0.003	

Calculation and Results

Seepage Velocity (ft/day)	vs = K*i/ne =	0.03	
Retardation Factor	Rd = 1 + (Koc * foc* rb / ne) =	1.73	3.66
Pollutant Transport Rate (ft/day)	vpt = vs/Rd =	0.017	0.008
or (ft/year)		6.32	2.99
T_{NJGWQC} (days)	Determined above	1,760	0
T_{NJGWQC} (years)		5	0
Length of CEA (ft)	vpt * TGWQS =	30	0

Notes:

(1) Initial concentration (Co) is the average concentrationof the last two sample event.

(2) Half-Life data reference: Howard, P.H. et. al. 1991. *Handbook of Environmental Degradation Rates.* Lewis Publishers.

(3) Hydraulic conductivity, K = 0.4 ft/day (pump test performed by Versar in August 2000)

(4) Hydraulic gradient (i) derived by Versar (August 2000) from ground water elevation contours

(5) Effective porosity, n = 0.4, and bulk density, ρ_b = 1.5 g/mL (consistent with the type of soil - clayey sands, at the Site).

(6) K_{oc} data reference: Soil Screeening Guidance 1996.

(7) f_{oc} = 0.003 (the geometric average of the minimum and maximum range of f_{oc}). *USEPA 1996* .

Table A-9
Results of Ground Water Modeling for Determination of CEA Duration and Extent
M-2 Landfill

Chemical	Initial Concentration	NJDEP Ground Water Quality Standard	Results	
			Duration[1]	Approximate Distance[2]
	(mg/L)	(mg/L)	(years)	(feet from the source well)
Overburden				
MW-2				
Benzene	3.135	1	5	31
Chlorobenzene	30.15	4	**9**	**27**
MW-3				
Benzene	0.795	1	0	0
Chlorobenzene	7.31	4	3	8
MW-9				
Benzene	3.06	1	5	30
Chlorobenzene	ND	4	0	0

Notes:

1 - Duration is the time required for the VOC concentration in all parts of the plume to meet the NJ Ground Water Quality Standards

2 - Distance is the distance downgradient from the source well at which the concentration will never exceed the NJ Ground Water Quality Standards.

Figure A-1:
COC at MW-12
M-2 Landfill

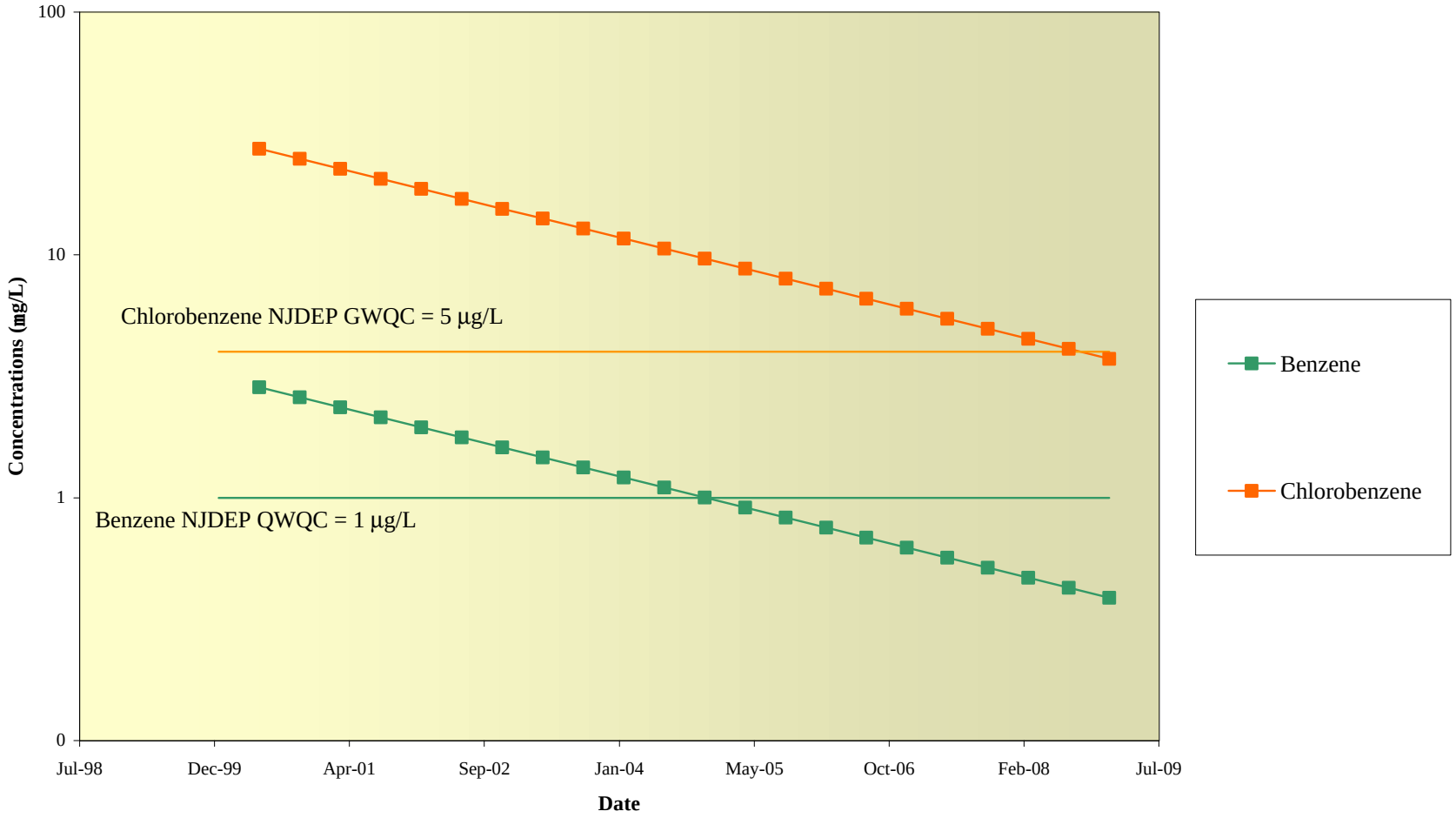


Figure A-2:
COC at MW-3
M-2 Landfill

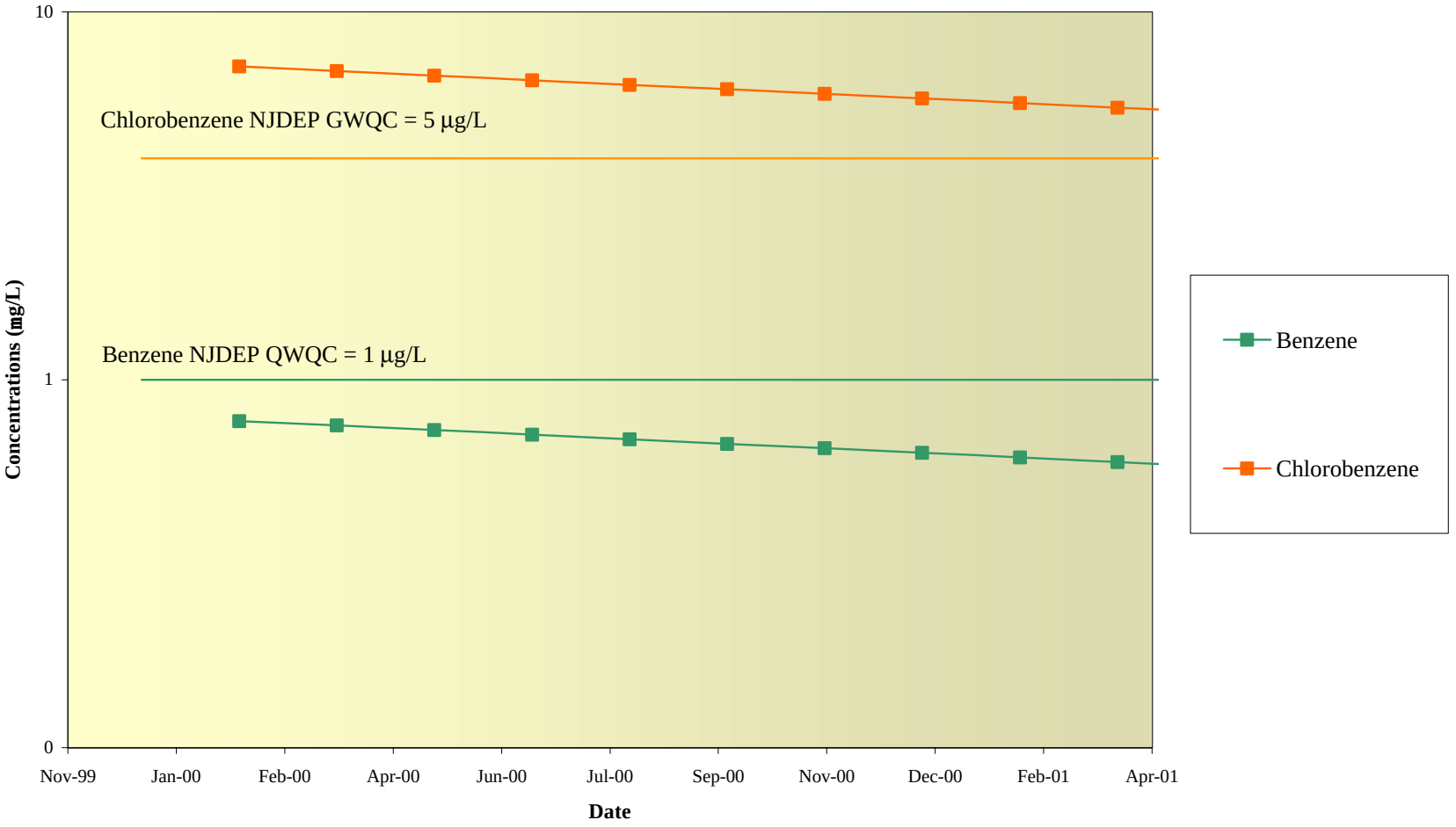
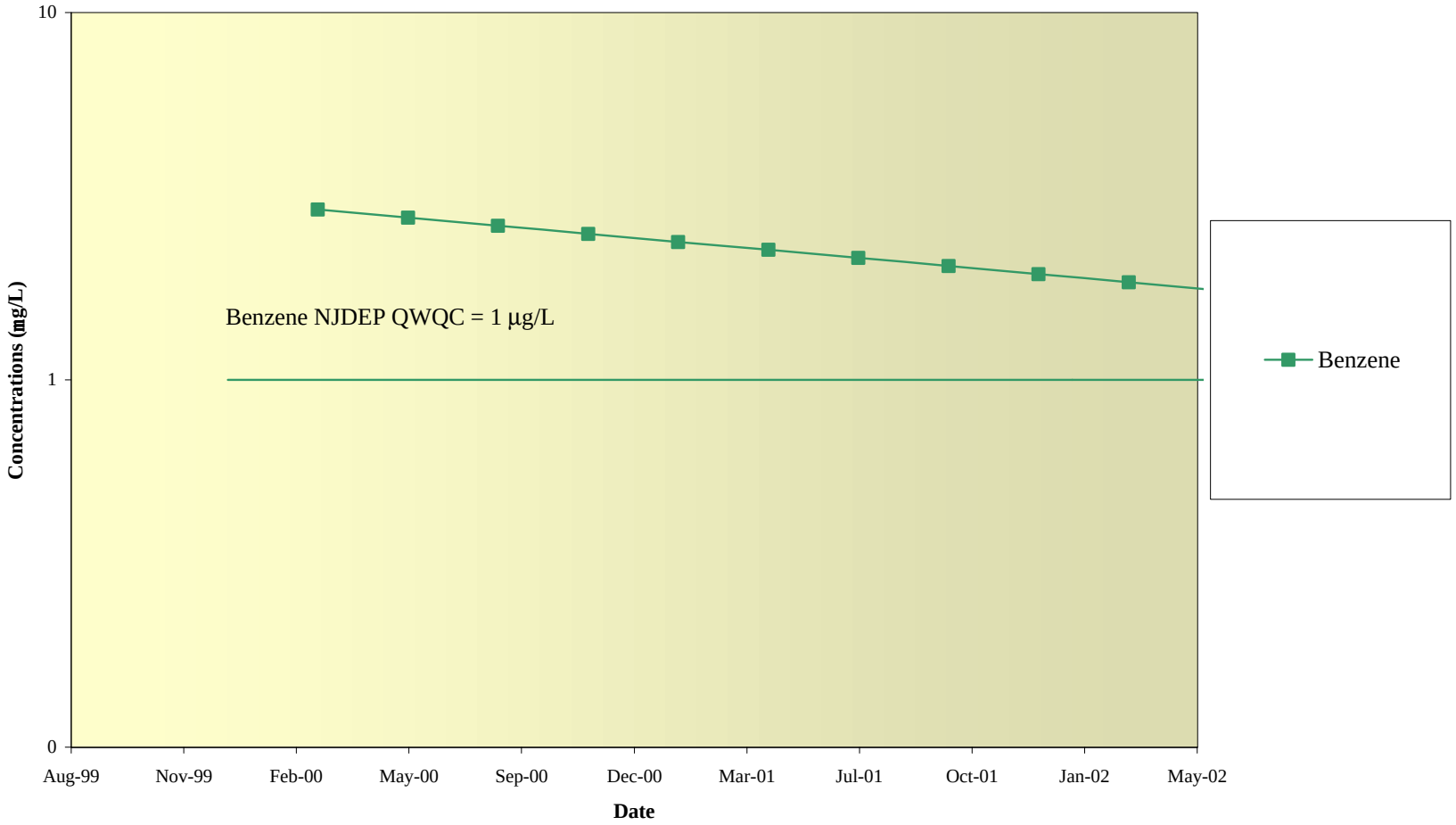



Figure A-3:
COC at MW-9
M-2 Landfill